

Fig. 1

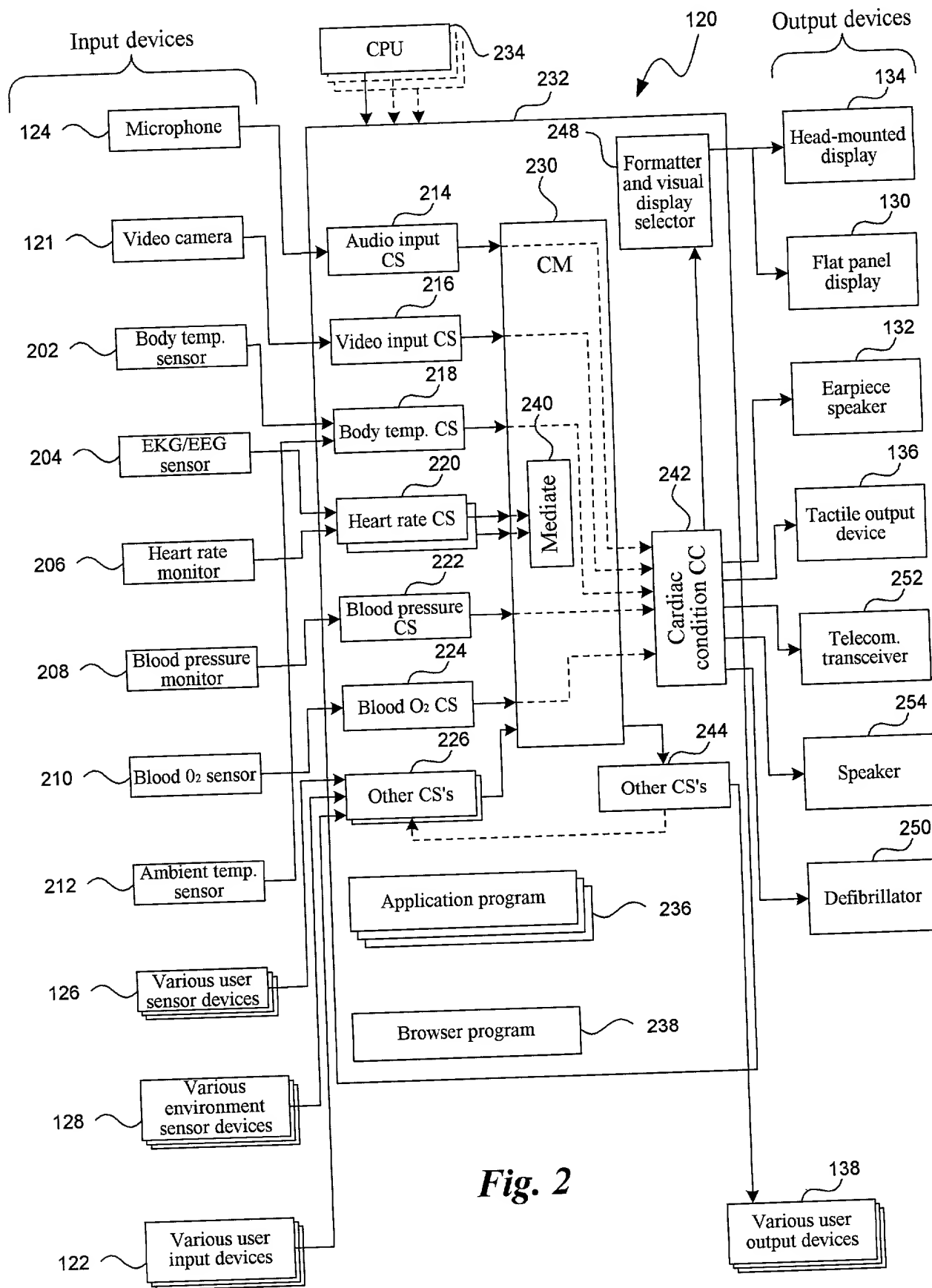


Fig. 2

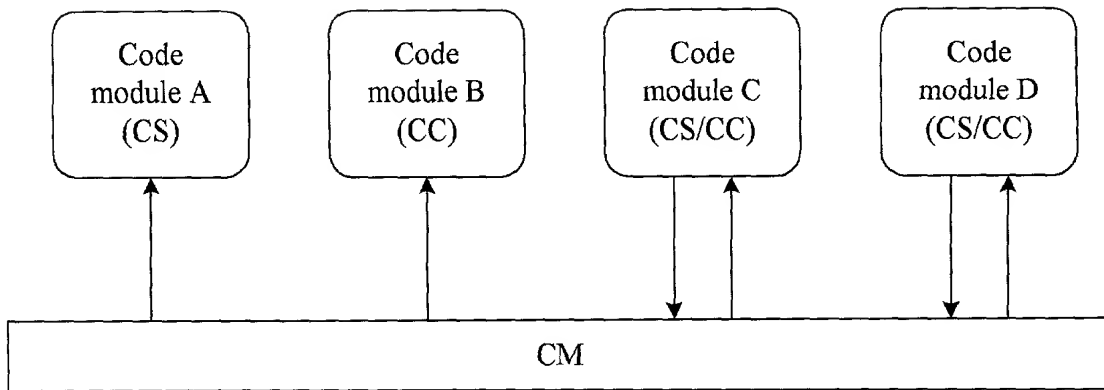


Fig. 3

300

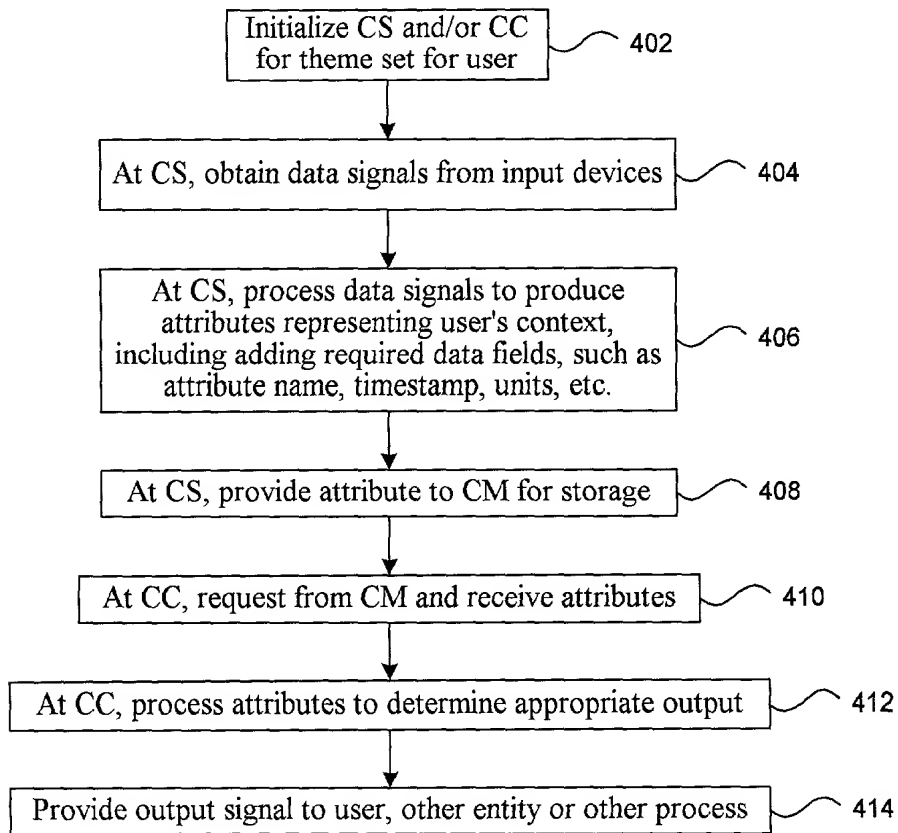


Fig. 4

400

2007-03-01

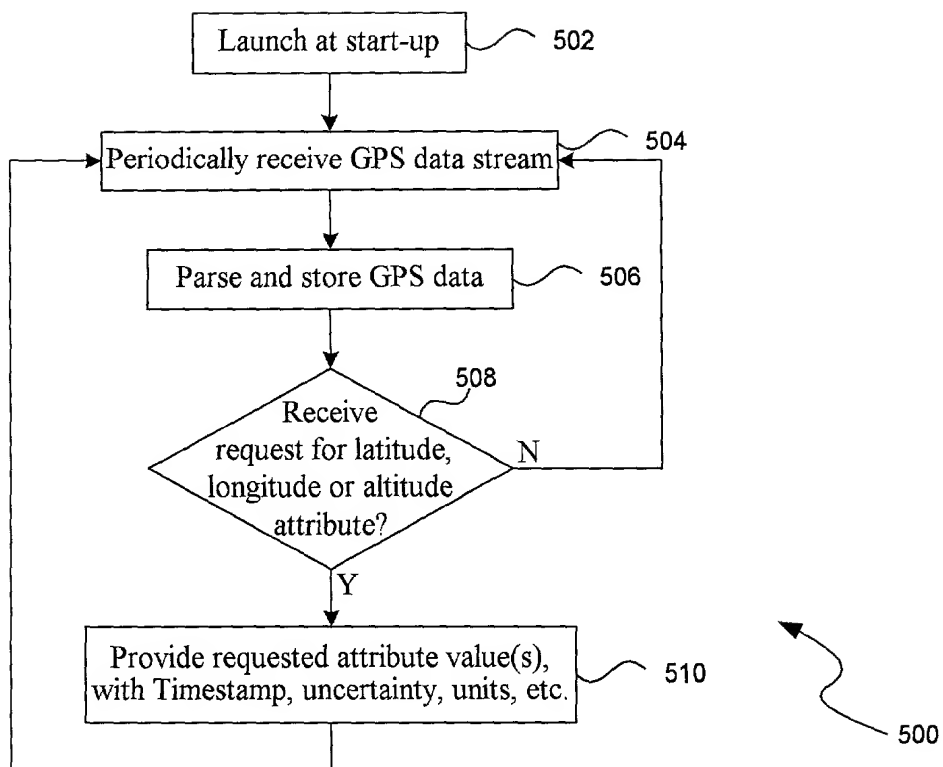


Fig. 5A

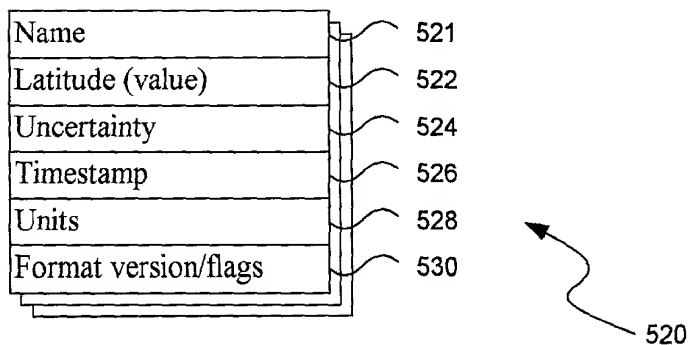


Fig. 5B

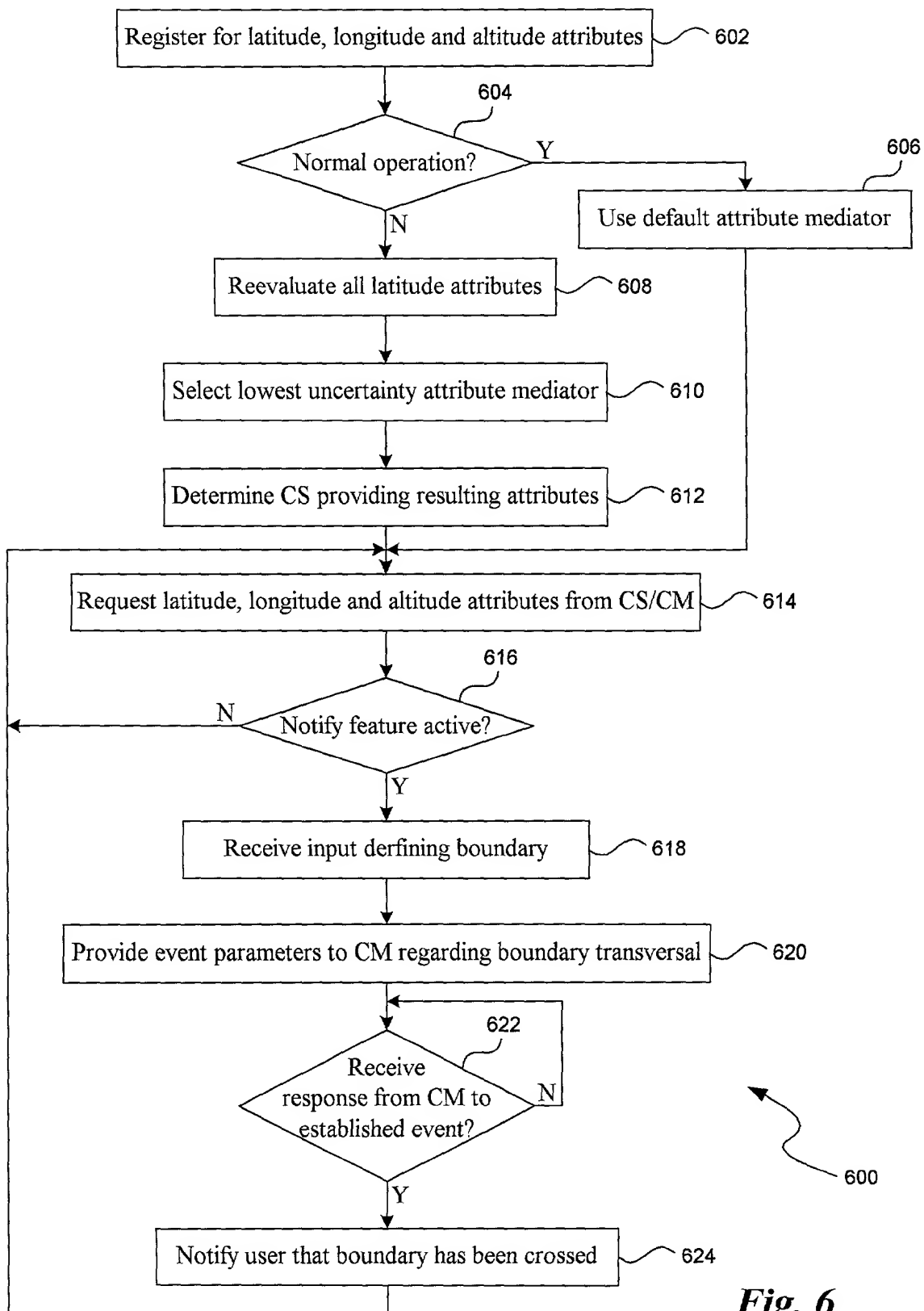


Fig. 6

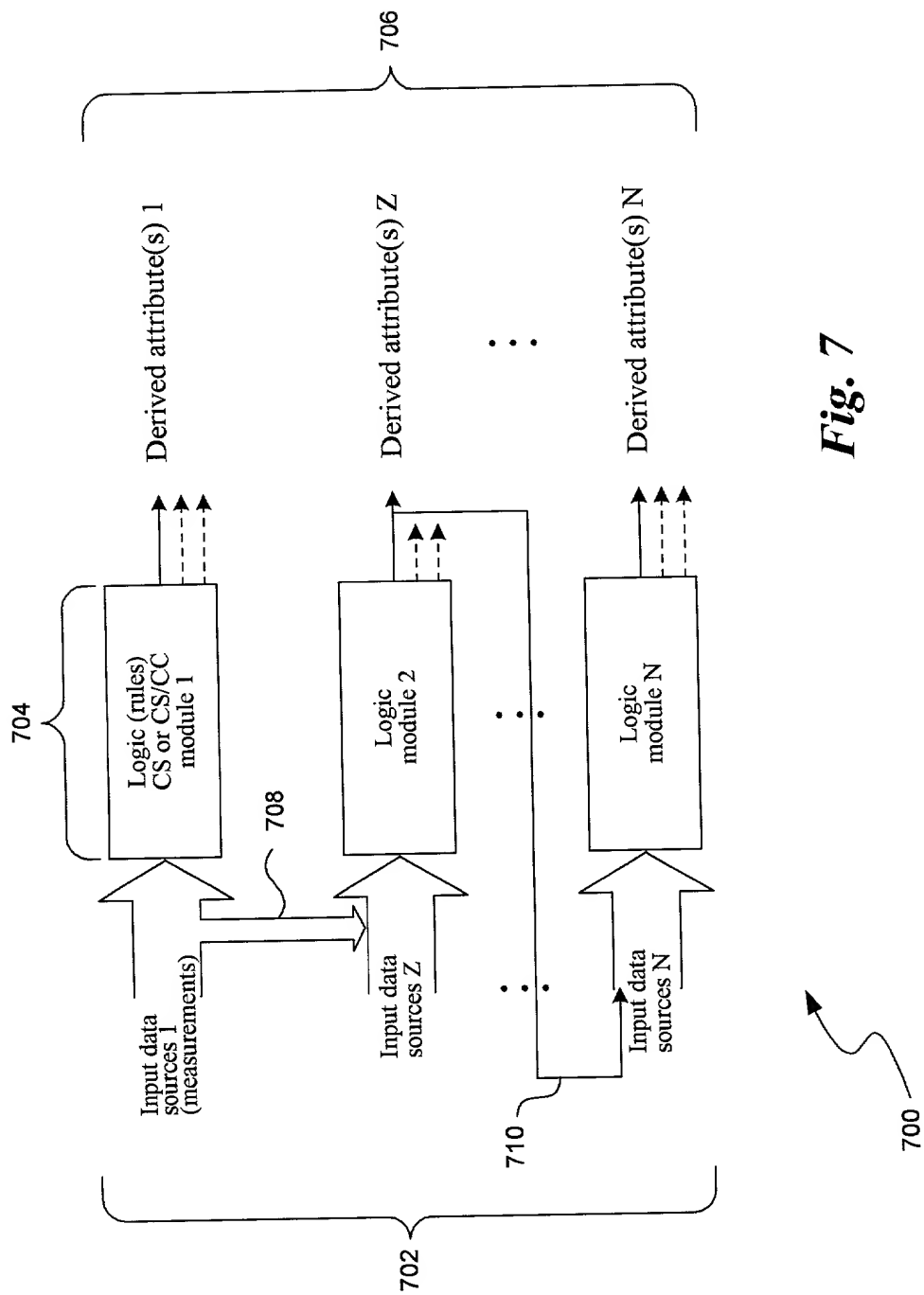


Fig. 7

User.

- Desired_privacy_level
- Interruptibility
- Speed
- Direction
- Acceleration
- Availability.
 - Cognitive_availability
 - Tactile_availability
 - Manual_availability
 - Visual_availability
 - Oral_availability
 - Auditory_availability
- Proximity.<Item or place name>
- Mood
 - Happiness
 - Sadness
 - Anger
 - Frustration
 - Confusion
- Activity.
 - Driving
 - Eating
 - Running
 - Sleeping
 - Talking
 - Typing
 - Walking
- Location.
 - Place_name
 - Latitude
 - Longitude
 - Altitude
 - Room
 - Floor
 - Building
 - Address
 - Street
 - City
 - County
 - State
 - Country
 - Postal_Code
- Destination. (same as User.Location.)
- Physiology.
 - Pulse
 - Body_temperature
 - Blood_pressure
 - Respiration

Person.<name or ID>. (same as User.)

Platform.

- UI.
 - Oral_input_device_availability
 - Manual_input_device_availability
 - Tactile_output_device_availability
 - Visual_output_device_availability
 - Auditory_output_device_availability

Platform. (continued)

- CPU.
 - Load
 - Speed
- Memory.
 - Total_capacity
 - Used
- Storage.
 - Total_capacity
 - Used
- Connectivity.
 - Connection_status
 - Connection_speed
 - Connection_type/device
 - Connection_activity
- Power.
 - Power_source
 - Power_level

Environment.

- People.
 - Nearest
 - Number_present
 - Number_close
- Local.
 - Time
 - Date
 - Temperature
 - Pressure
 - Wind_speed
 - Wind_direction
 - Absolute_humidity
 - High_forecast_temperature
 - Low_forecast_temperature
 - People_present
 - Ambient_noise_level
 - Ambient_light_level
 - Days.<previous or future>.
 - High_temperature
 - Low_temperature
 - Precipitation_type
 - Precipitation_amount
- Place.<place name>. (same as Environment Local)

Application.

- Mail.
 - Available
 - New_messages_waiting
 - Messages_waiting_to_be_sent
- Phone.
 - Available
 - In_use
 - On/off
 - Notification_mechanism
 - Call_incoming
 - Caller_ID
- Sound_recorder.
 - Available
 - Recording

Fig. 8

User Setting

- Mental Context
 - Meaning
 - Cognition
 - Divided User Attention
 - Task Switching
 - Background Awareness
 - Solitude
 - Privacy
 - Desired Privacy
 - Perceived Privacy
 - Social Context
 - Affect
- Physical Situation
 - Body
 - Biometrics
 - Posture
 - Motion
 - Physical Encumbrment
 - Senses
 - Eyes
 - Ears
 - Tactile
 - Hands
 - Nose
 - Tongue
 - Workload demands/effects
 - Interaction with computer devices
 - Interaction with people
 - Physical Health
- Environment
 - Time/Space
 - Objects
 - Persons
 - Audience/Privacy Availability
 - Scope of Disclosure
 - Hardware affinity for privacy
 - Privacy Indicator for User
 - Privacy Indicator for Public
 - Watching Indicator
 - Being Observed Indicator
- Ambient Interference
 - Visual
 - Audio
 - Tactile

Computer

- Power
- Configuration
 - User Input Systems
 - Hand/Haptic
 - Keyboard/Keystrokes
 - Voice/Audio
 - Eye Tracking
 - Cursors
 - Axis
 - Resolution
 - Selection
 - Invocation
 - Accelerators
 - Output Systems
 - Visual
 - Resolution
 - Audio
 - Public/Private
 - Haptic
 - External Resources
 - I/O devices
 - Connectivity
- Data
 - Quantity/State
 - Urgency/Importance
 - Use of Prominence
 - Modality
 - Sensitivity/Purpose
 - Privacy Issues
 - Use of Association
 - Use of Safety
 - Source/Ownership
 - Types
 - User generated
 - Other computers or people
 - Sensor
 - PC State
 - Use of Association

Fig. 9

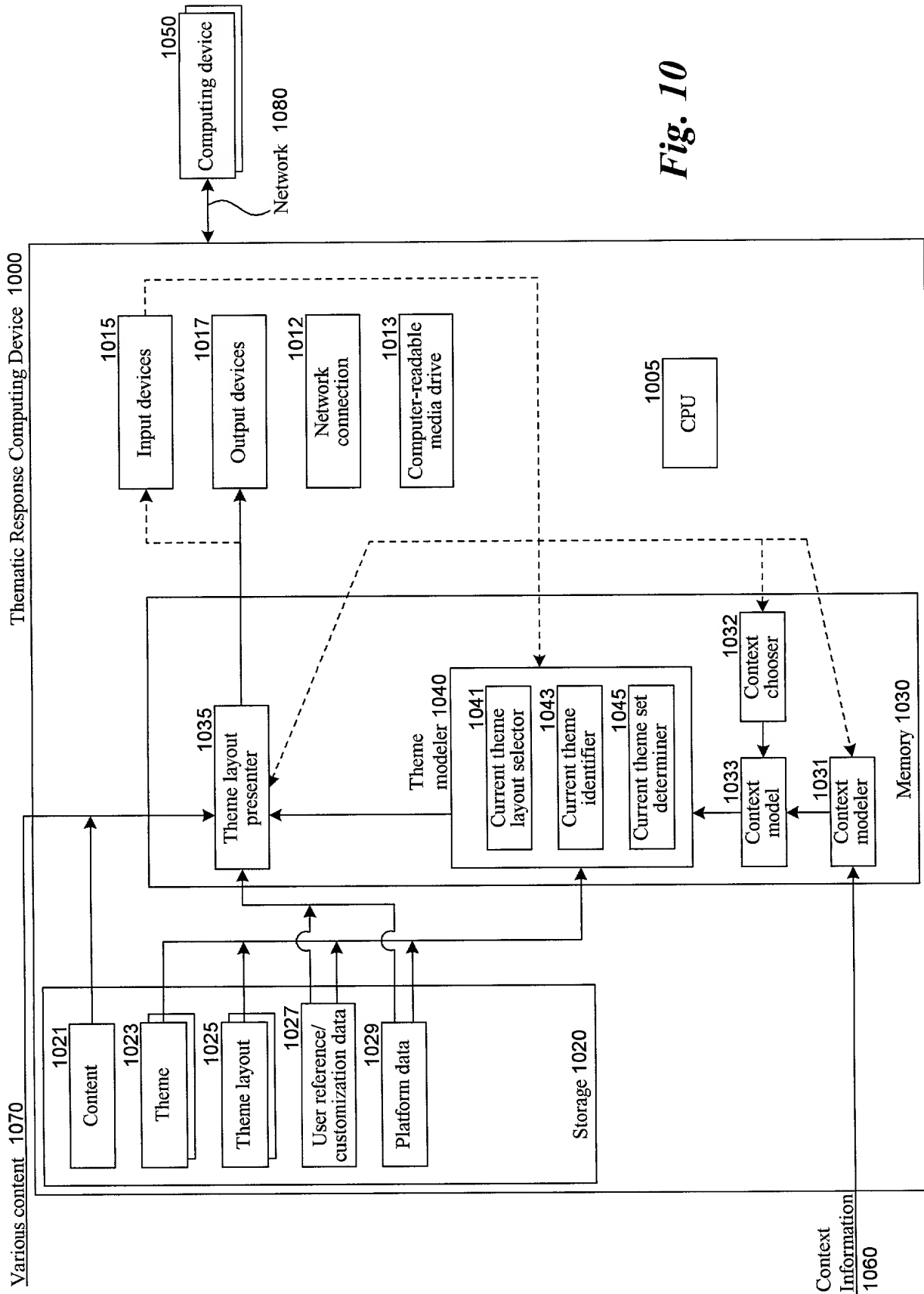


Fig. 10

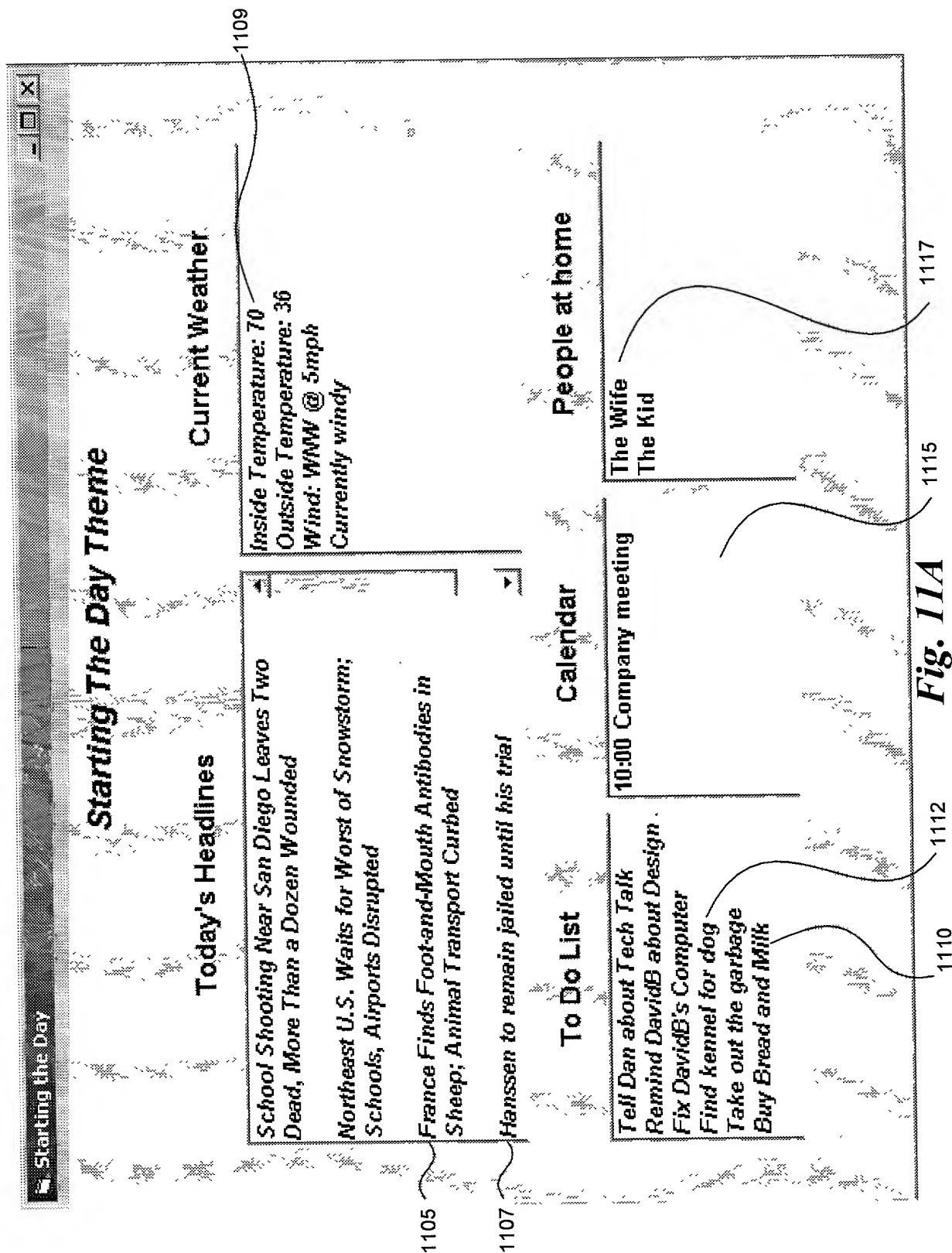


Fig. 11A

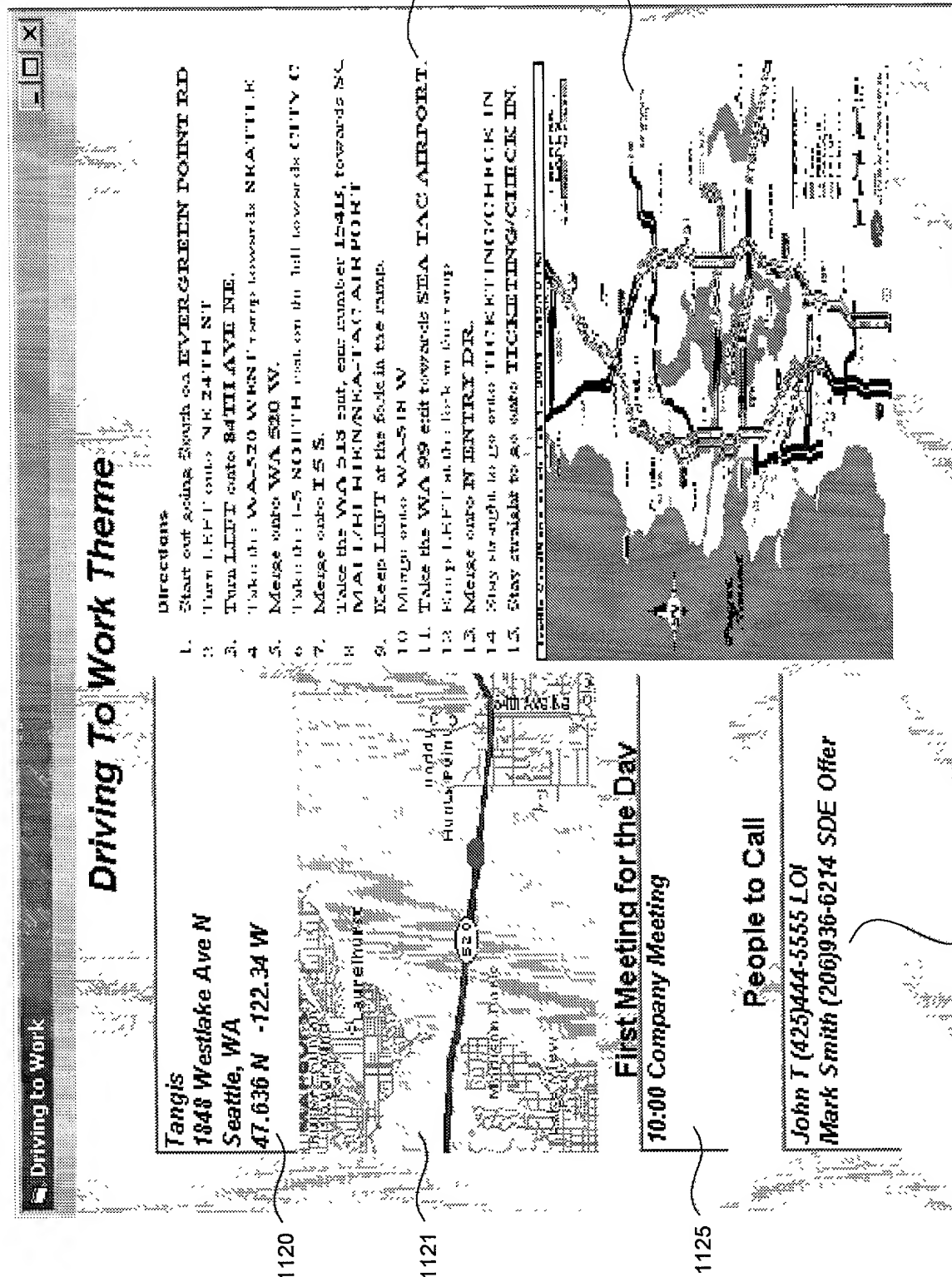


Fig. 11B

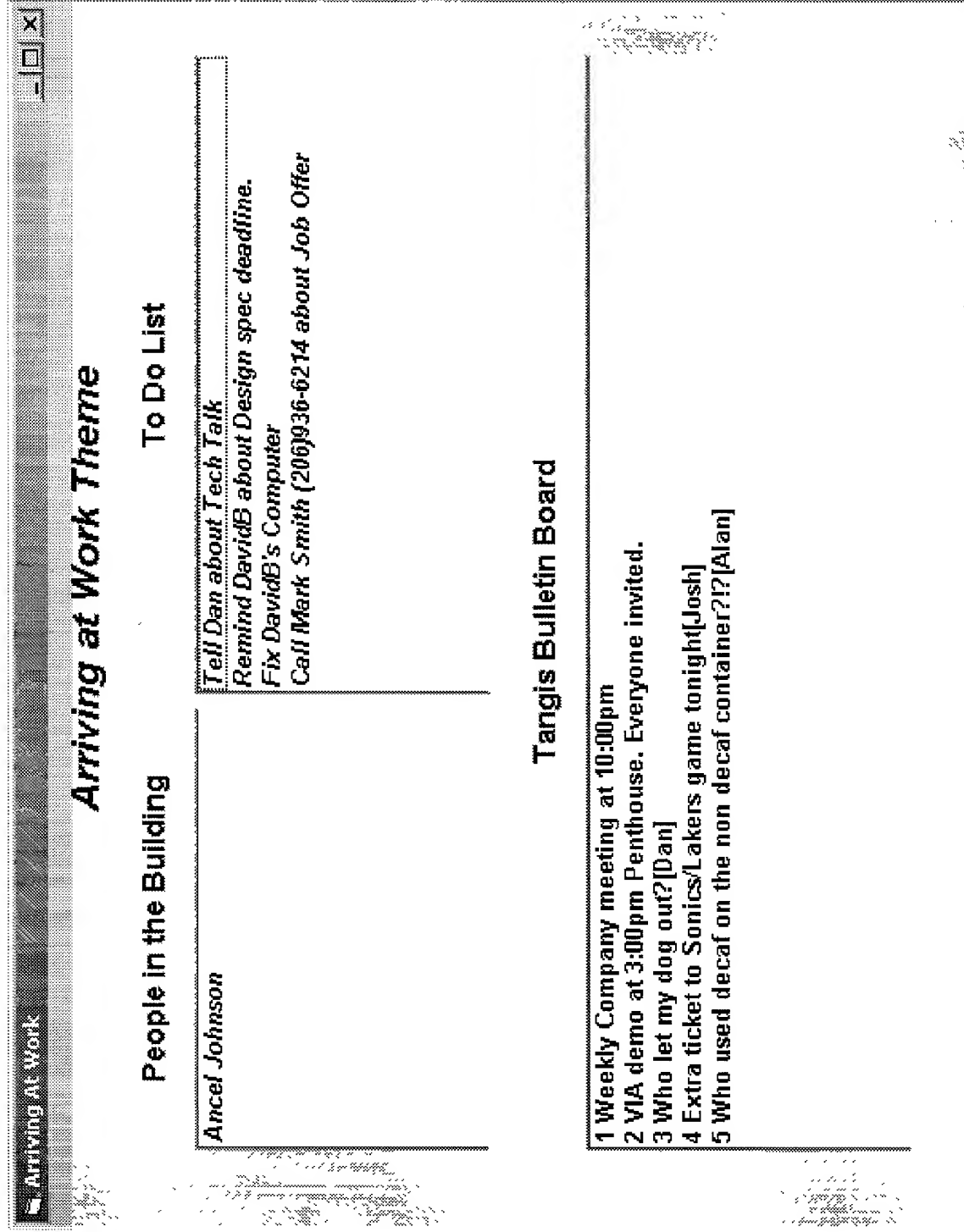


Fig. 11C

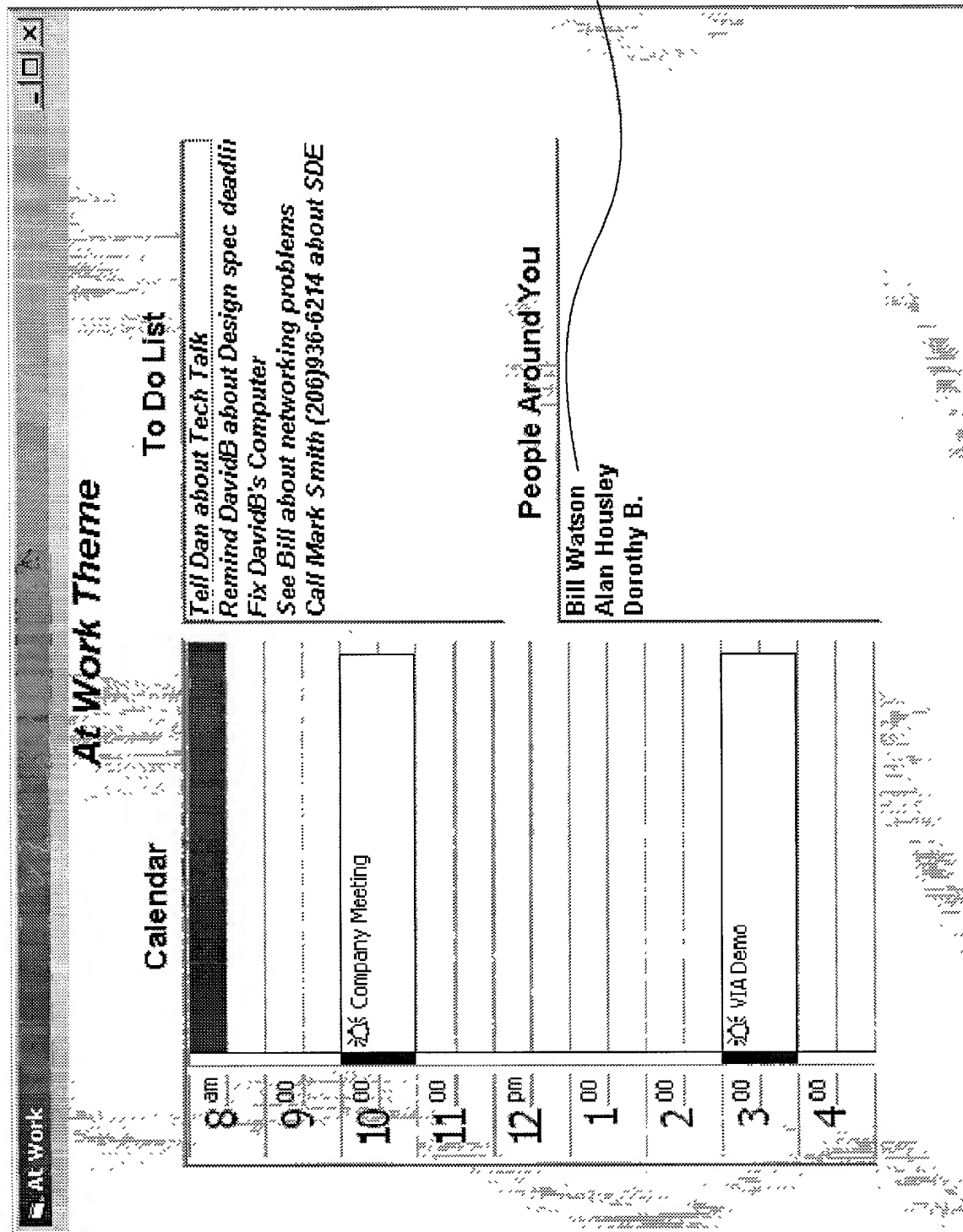


Fig. 11D

1135

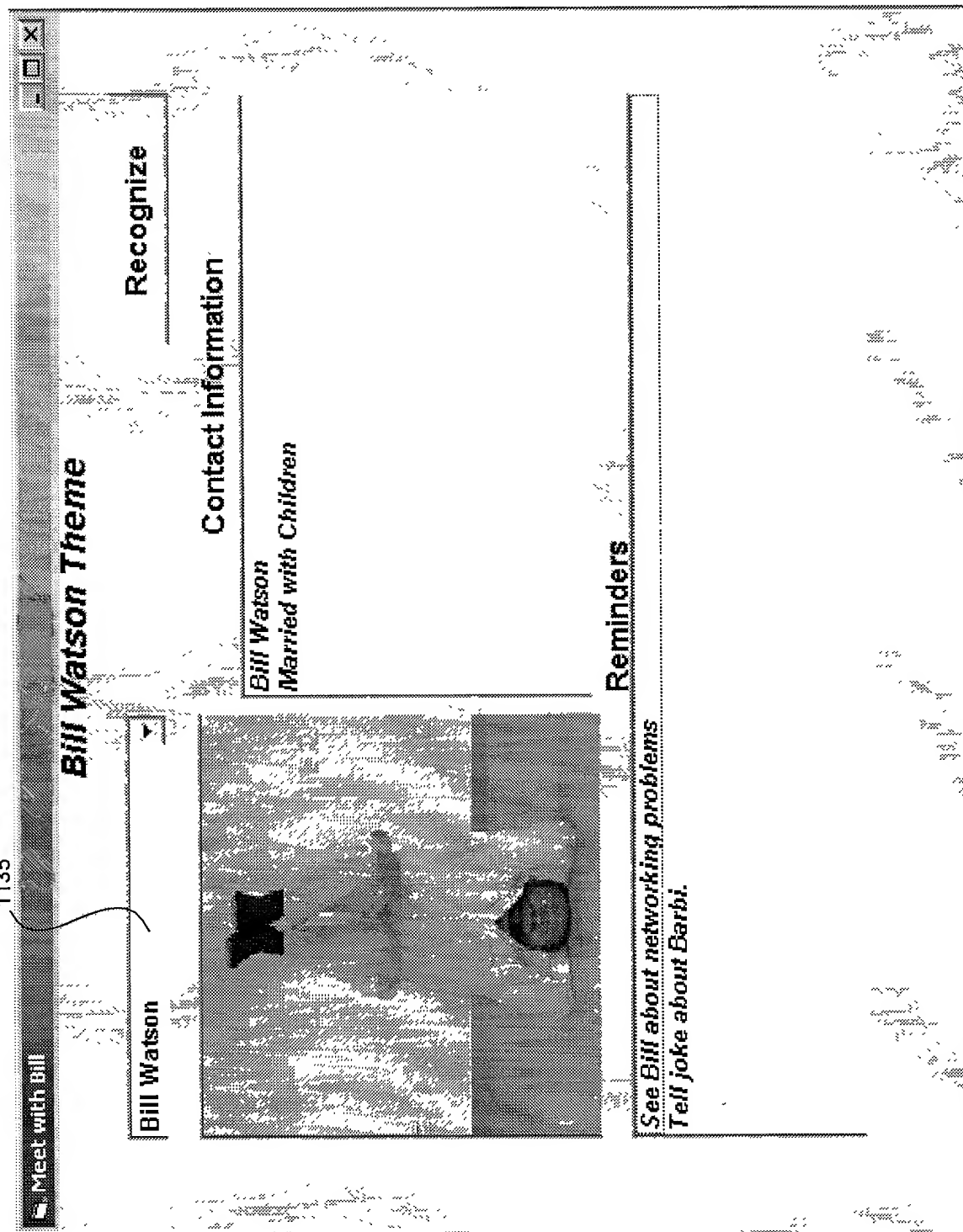


Fig. 11E

Company Meeting	
Meeting Theme	
Things to bring up	People Present
<p>Tell group what you did last week</p> <p>Tell group what you plan to do this week</p> <p>Tell group about your new invention.</p> <p>Tell group about your upcoming skiing trip.</p> <p>Kudos for Stan and Dorothy for finishing report</p>	<p>Aaron Graves</p> <p>Alan Housley</p> <p>Ancel Johnson</p> <p>Bill Watson</p> <p>Brian Rose</p> <p>Cesar Alvarez</p> <p>Dan Newell</p> <p>David Jukes</p> <p>Dorothy B.</p> <p>Jaquie T.</p> <p>Jeff Fried</p> <p>Jim Roberts</p> <p>Johnson A.</p> <p>Josh Freedman</p> <p>Kanisha Patel</p> <p>Ken Abbott</p> <p>Lisa Davis</p> <p>Molly Fitch</p> <p>Scott Price</p> <p>Stan Emerit</p>
Notes	
<p>Finished coding Turing Machine on Monday.</p> <p>Did bug bash on Tuesday.</p> <p>Survived an earthquake on Wednesday.</p> <p>Worked on CTK demo rest of last week</p> <p>Continuing work on CTK demo rest of this week</p>	

1137

Fig. 11F

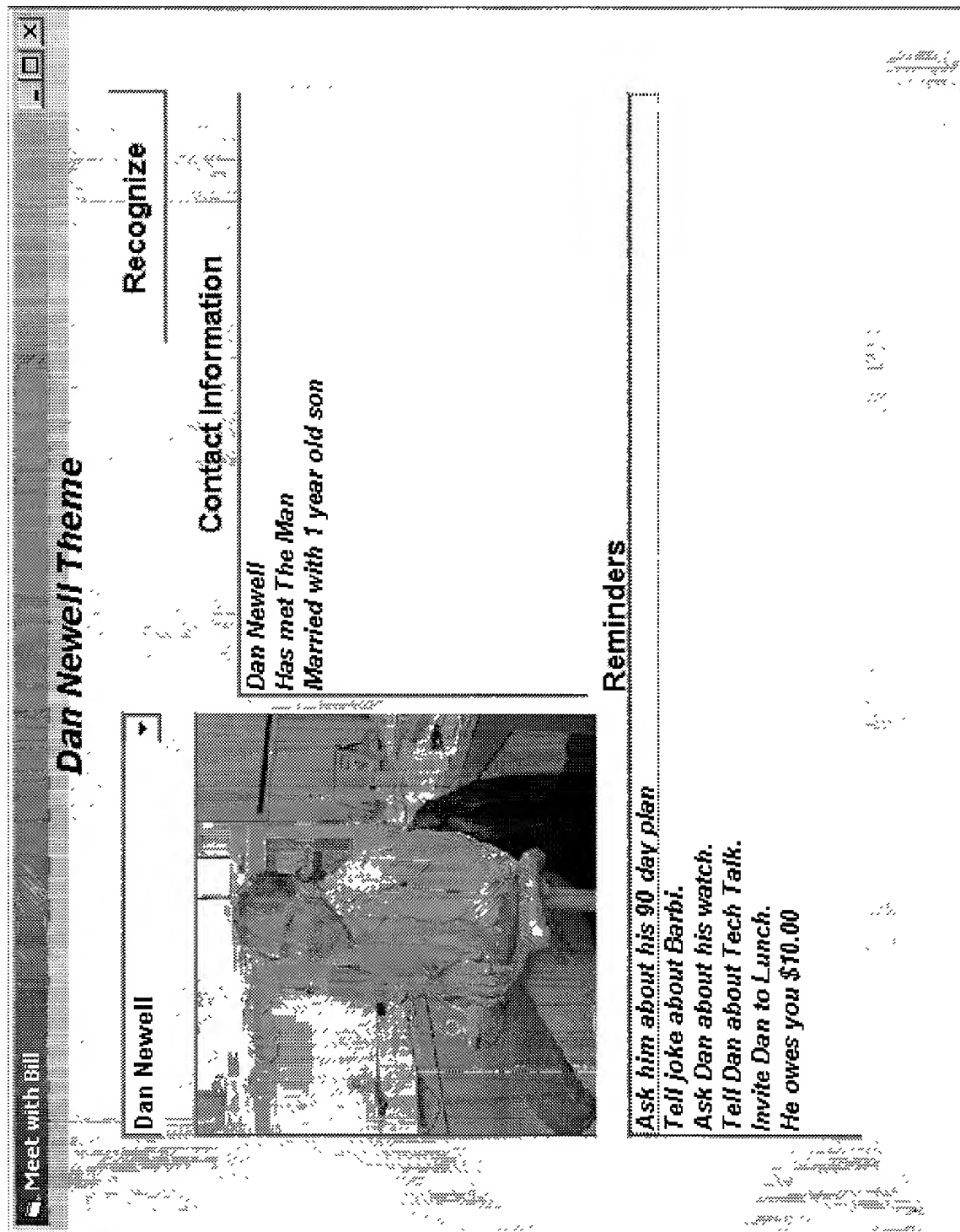


Fig. 11G

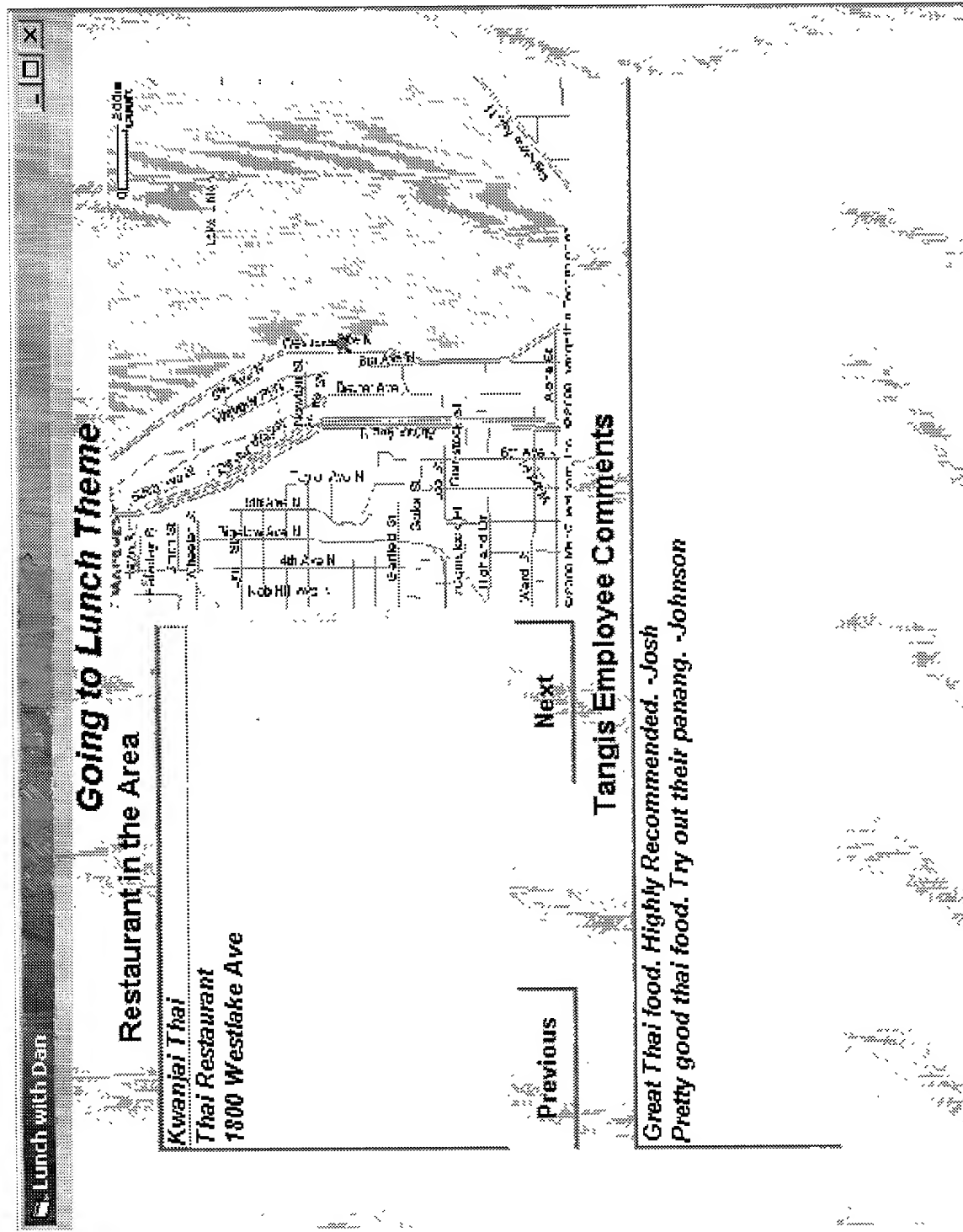


Fig. 11H

Repairing a PC

Repairing a PC Theme

Computer Equipment

Josh's Computer

Notes

Description

Software Installed

Hardware Installed

Currently inoperative
Josh noticed a loud noise coming from the hard disk.
He said it might be a problem with the disk's brake pads.
If he mentions this again, humor him.

Office 2000
Visual Studios 6.0
MS Entertainment Pack
Boeing Marketing Tutorial: How to talk like a techie

Creative Sound Blaster 10.0 card
Ricoh 32X CDRW
MS USB Microphone
Intel TR1688 100Mbps Token Ring

Dell XPS 4000
Purchase Date: 11/20/2000
Tangis Tag: PC0011

Fig. 111

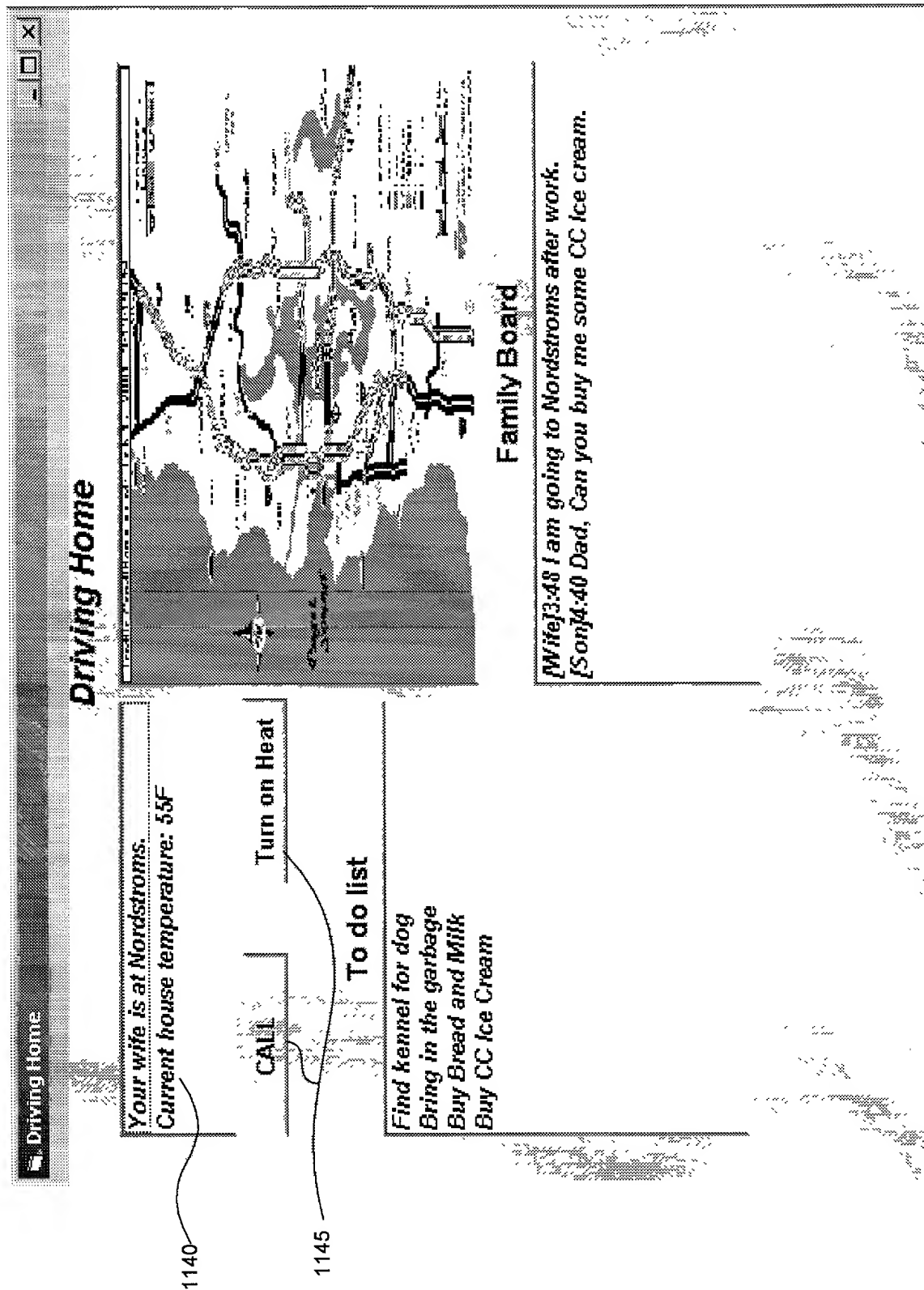


Fig. 11J

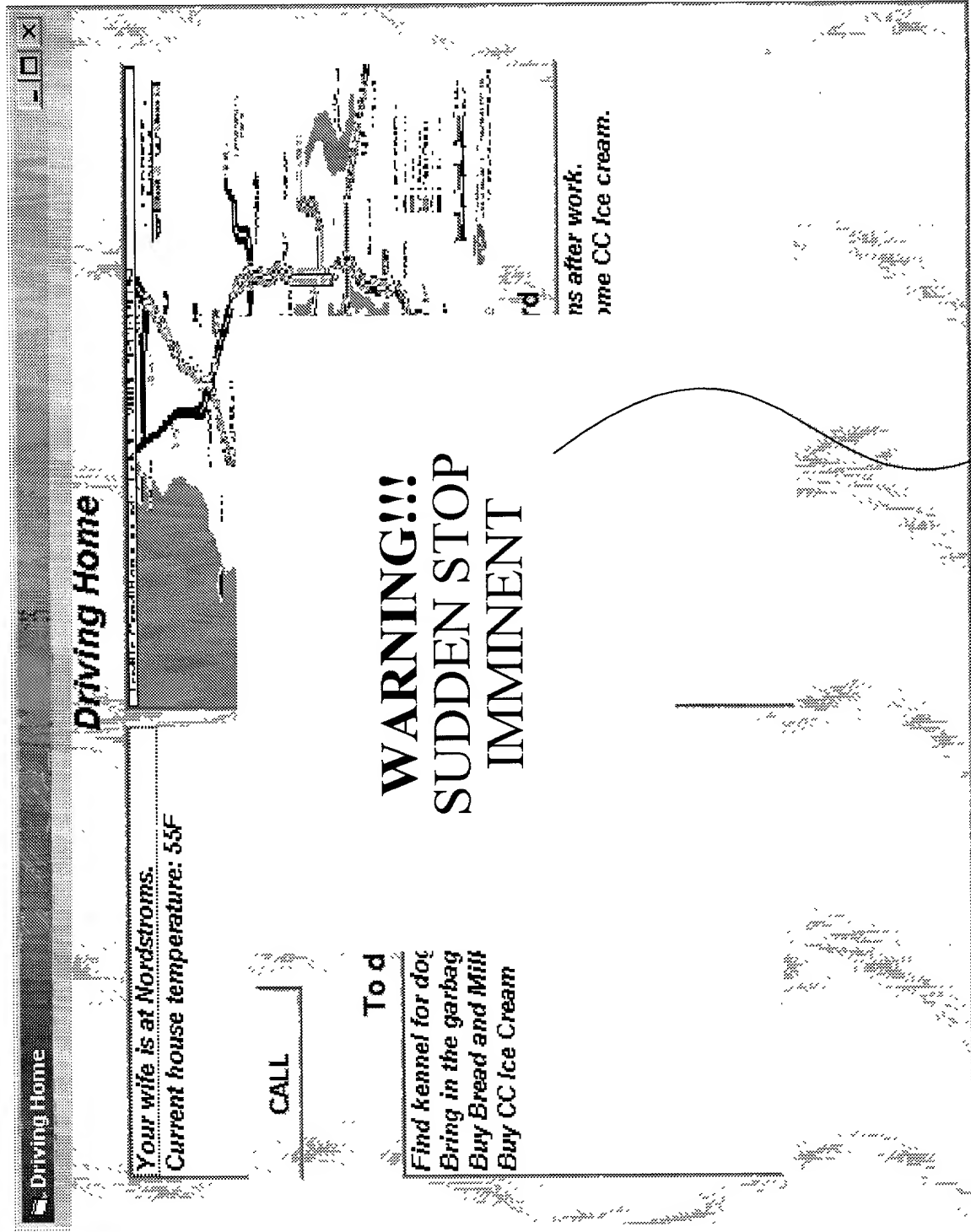


Fig. 11K

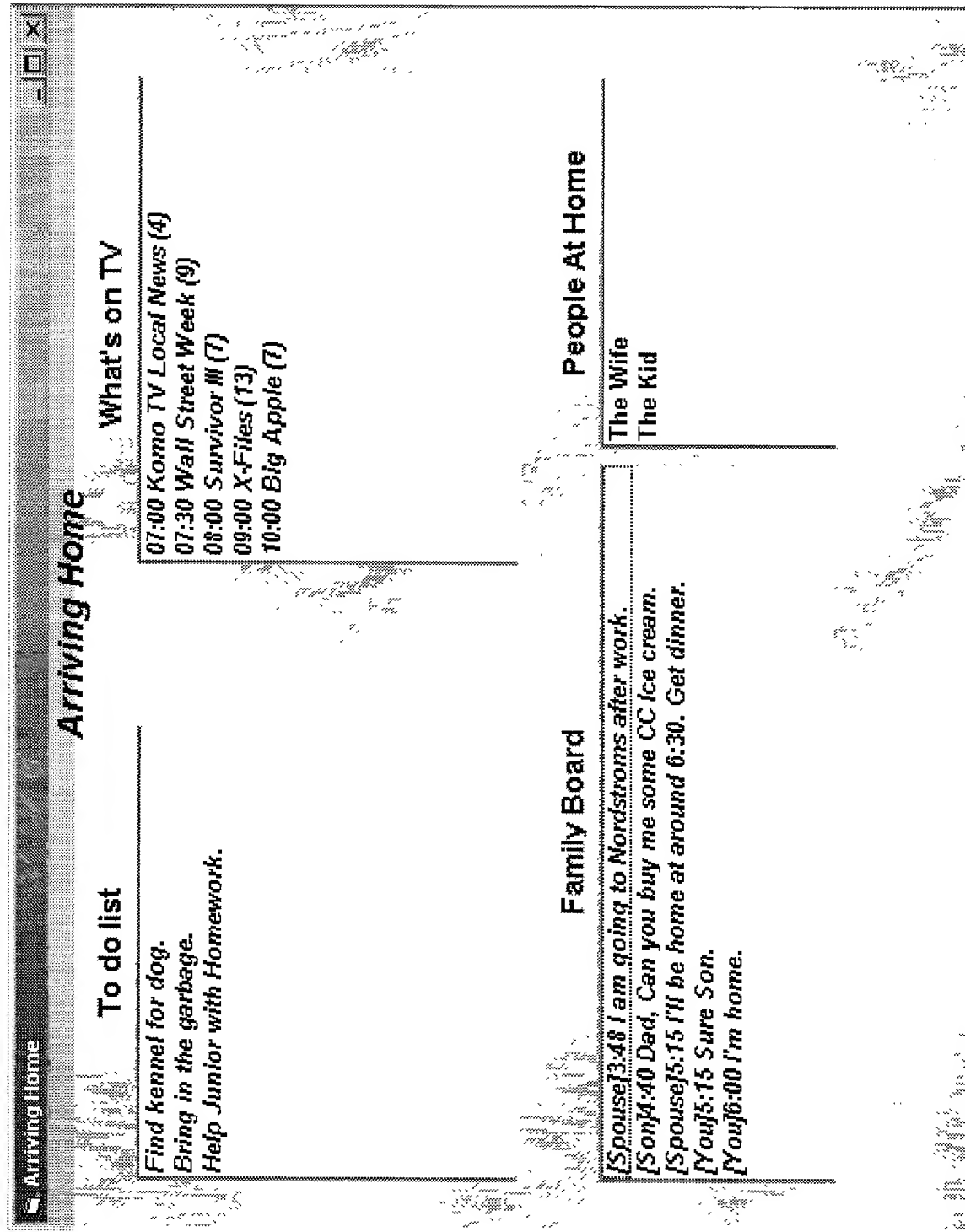


Fig. 11L

Example Current Theme Selection

Select A New Current Theme

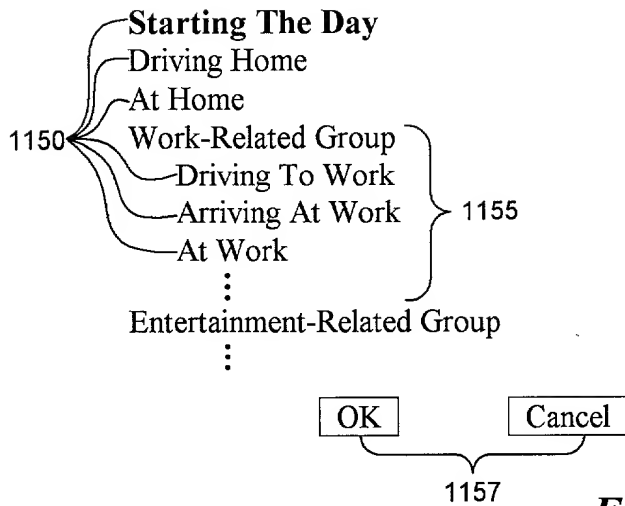


Figure 11M

Example Current Theme Set Modification

Current Theme Set

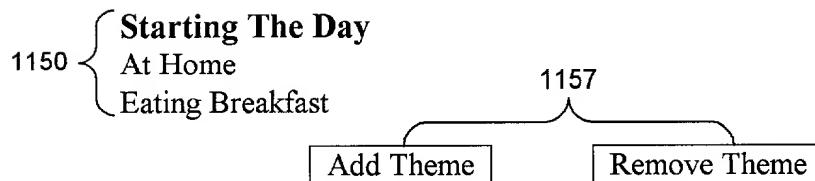


Figure 11N

Example Current Theme Layout Selection

Select A New Current Theme Layout

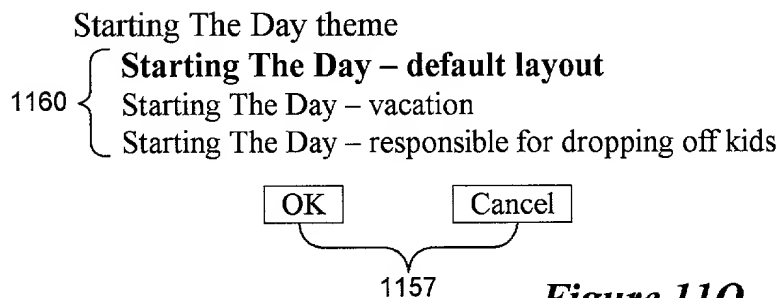


Figure 11O

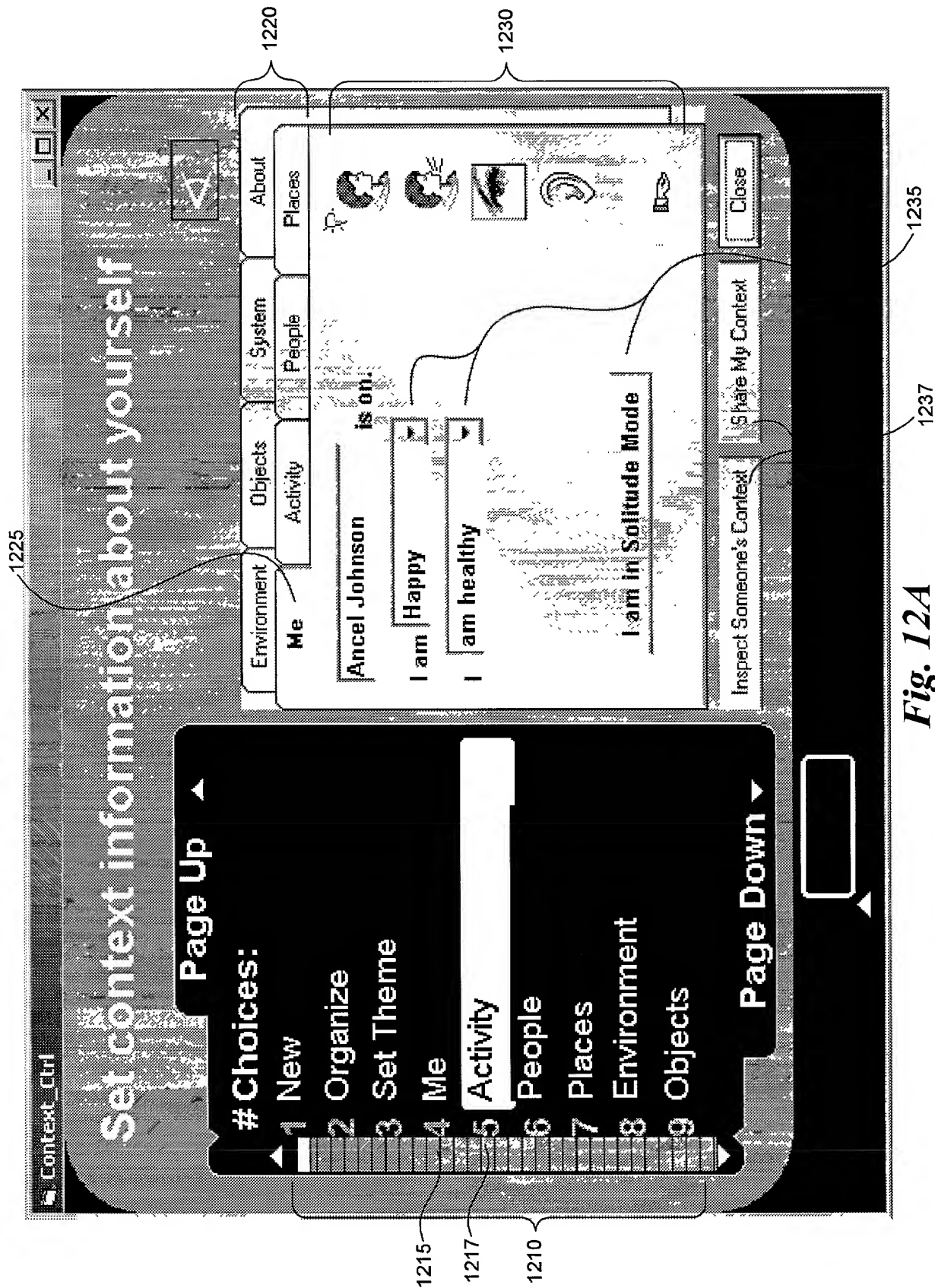


Fig. 12A

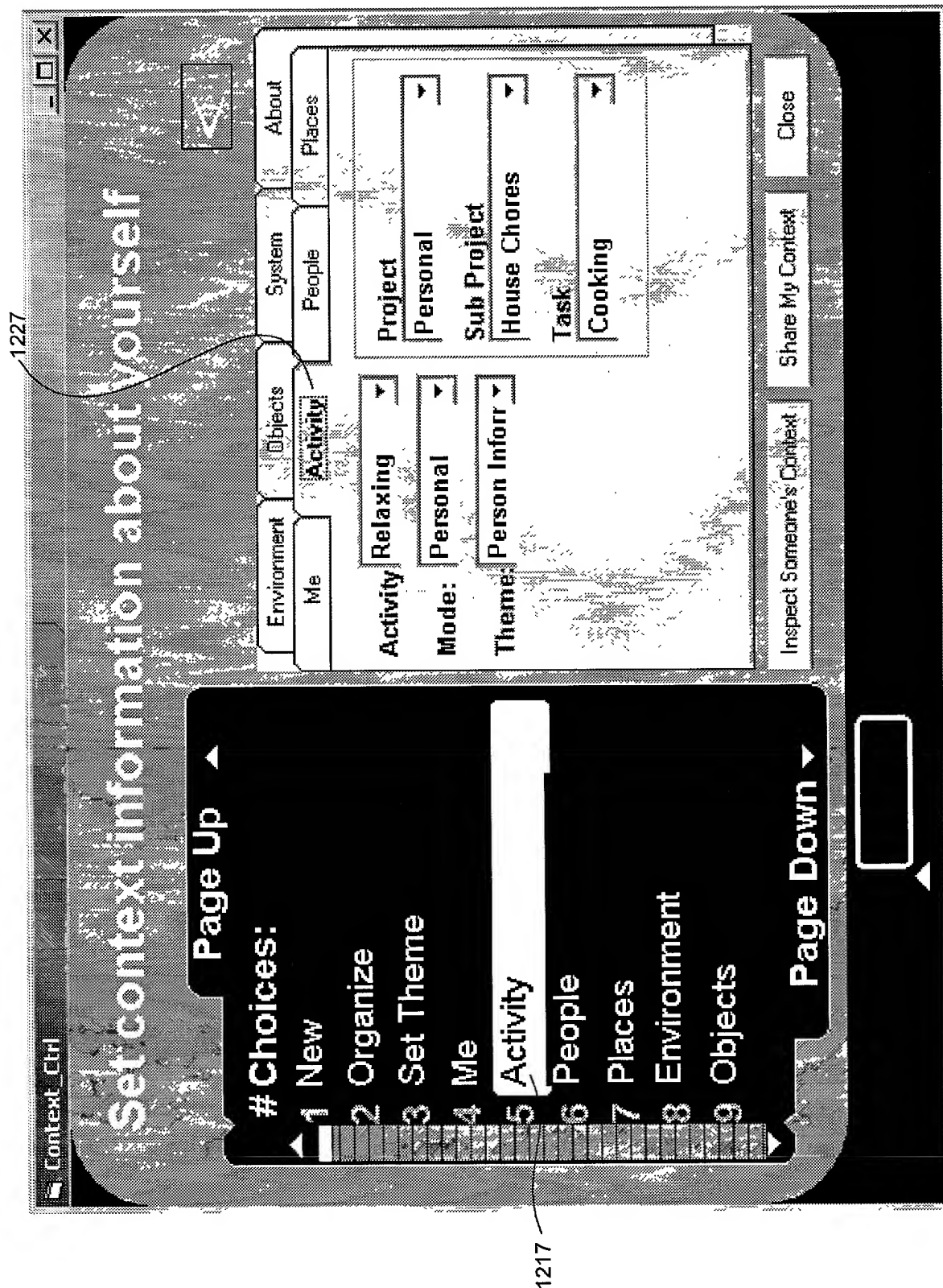


Fig. 12B

1241

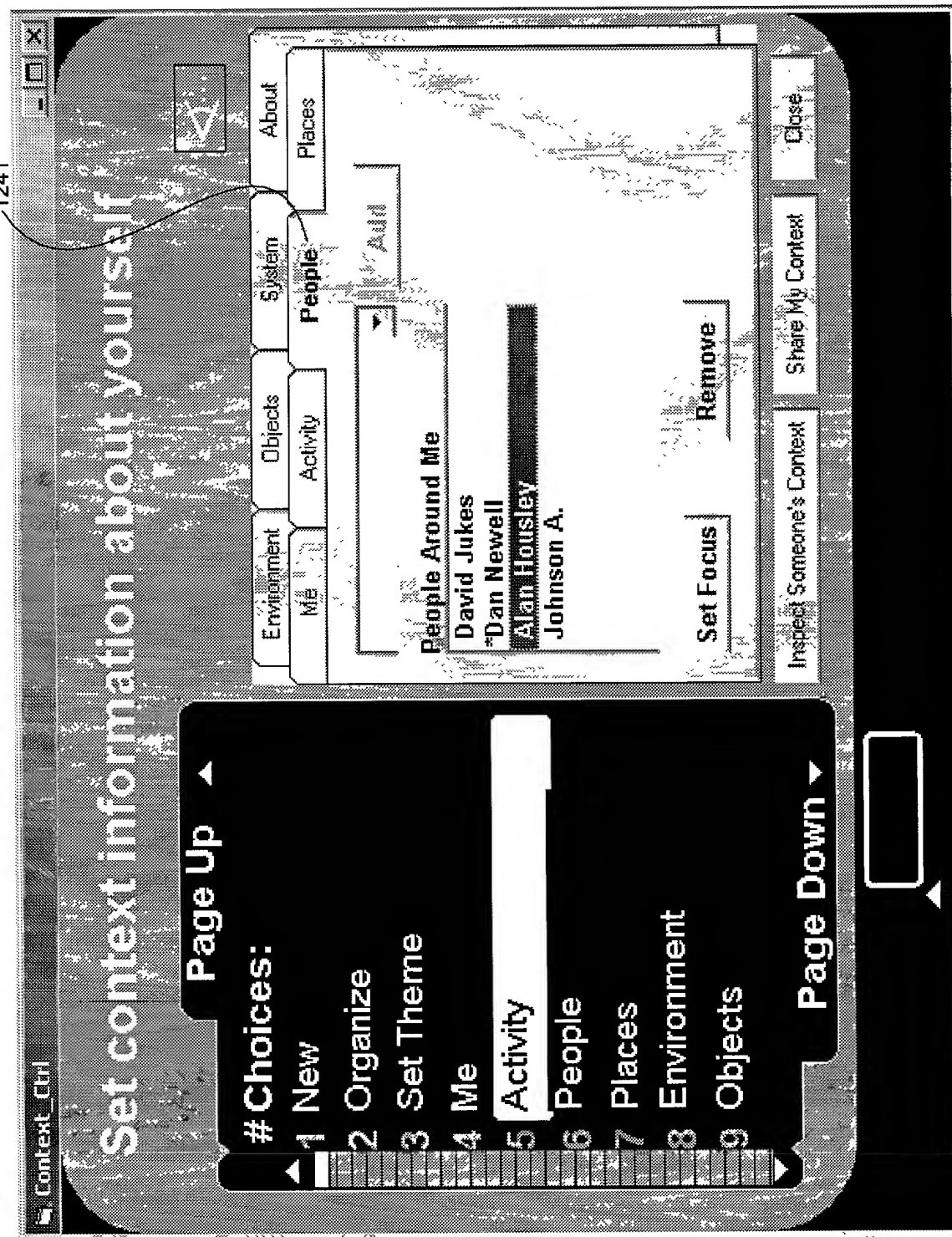


Fig. 12C

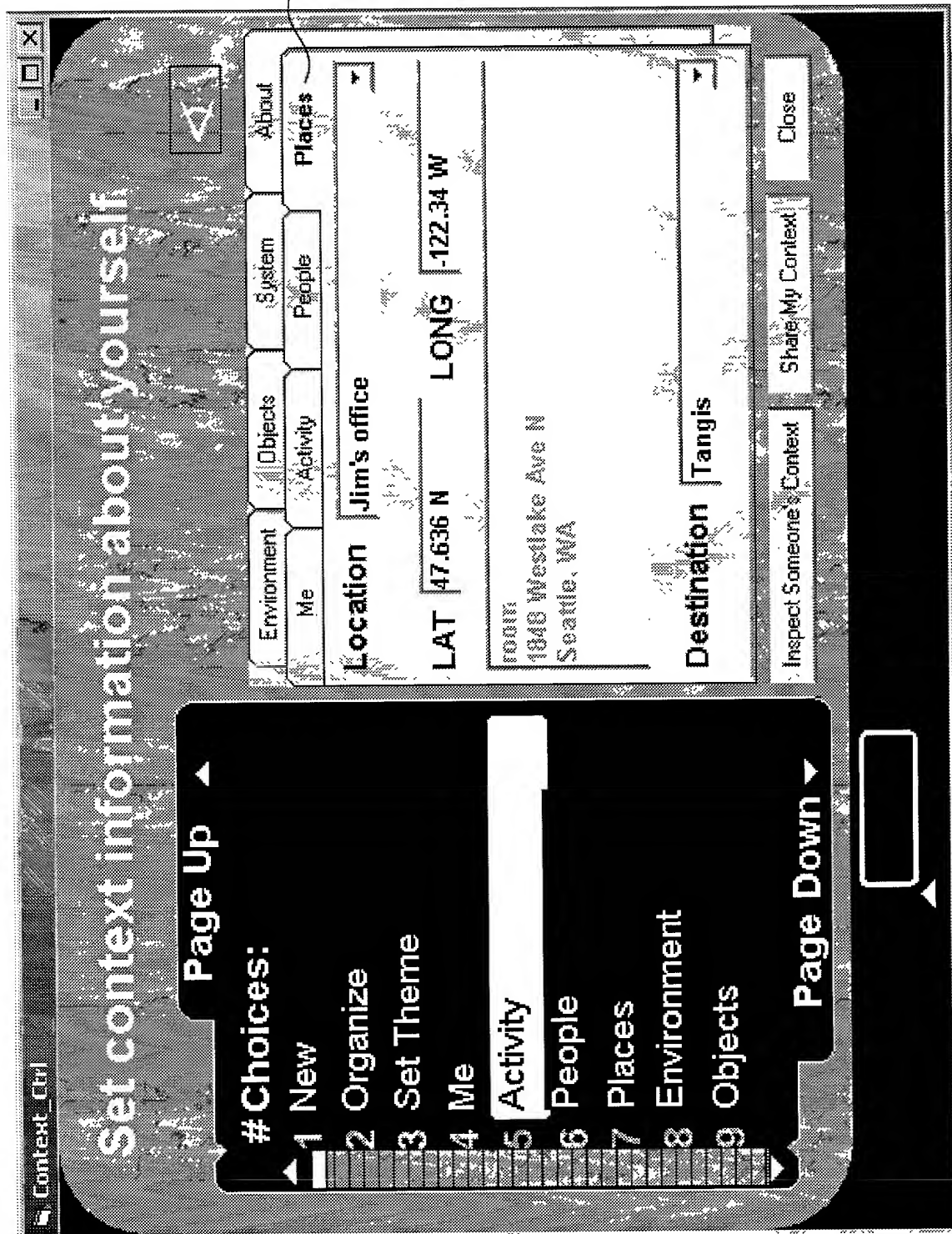


Fig. 12D

1243

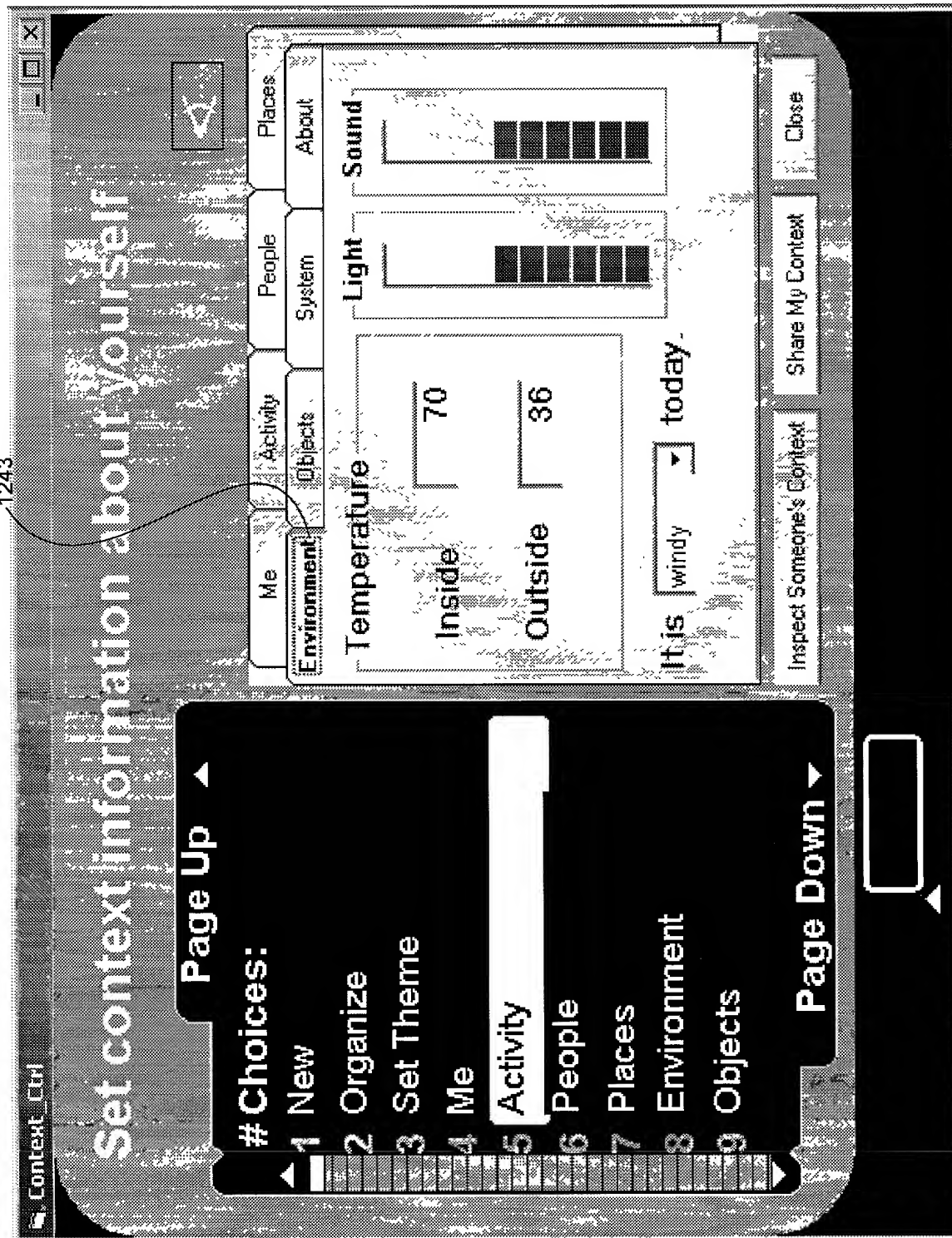


Fig. 12E

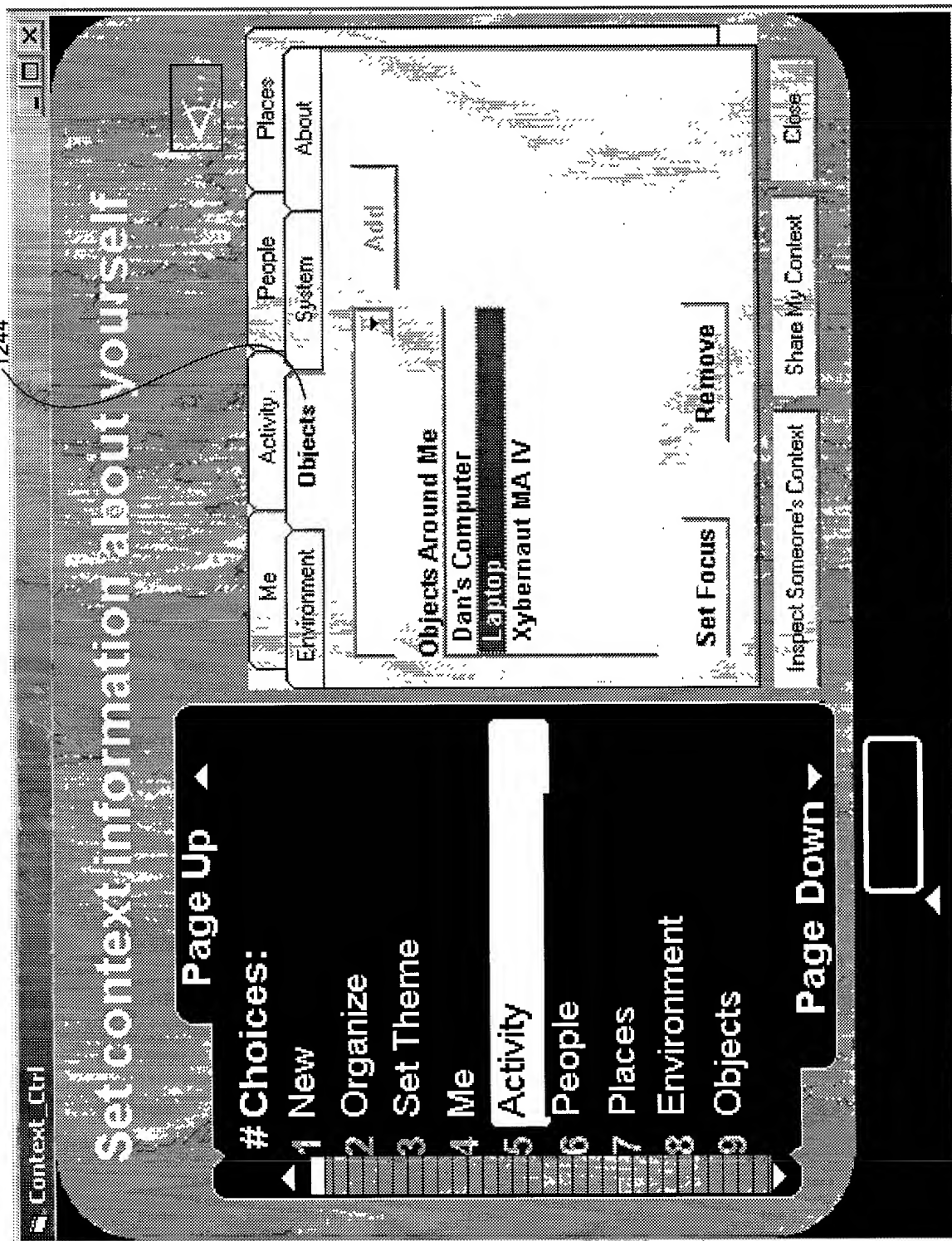


Fig. 12F

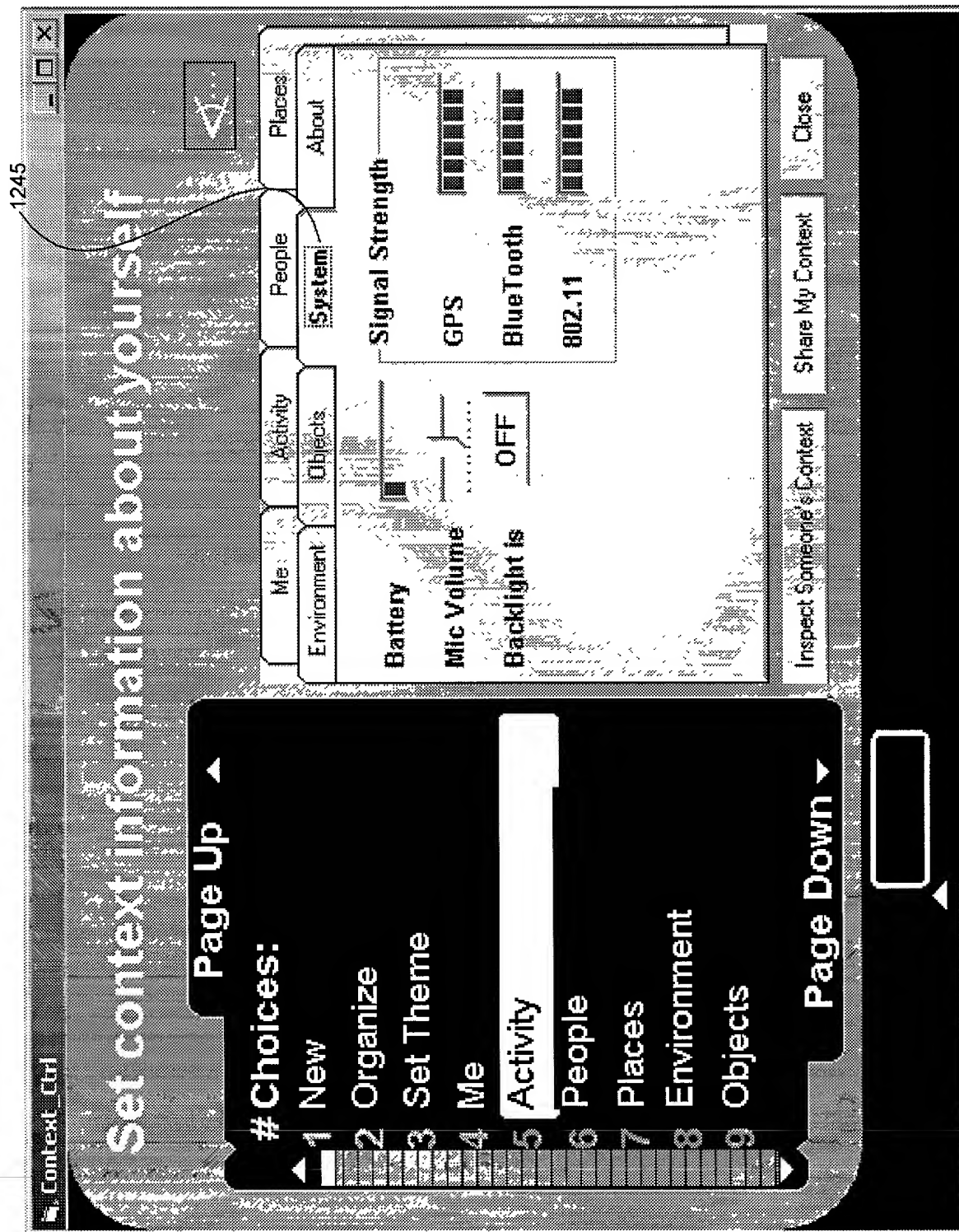


Fig. 12G

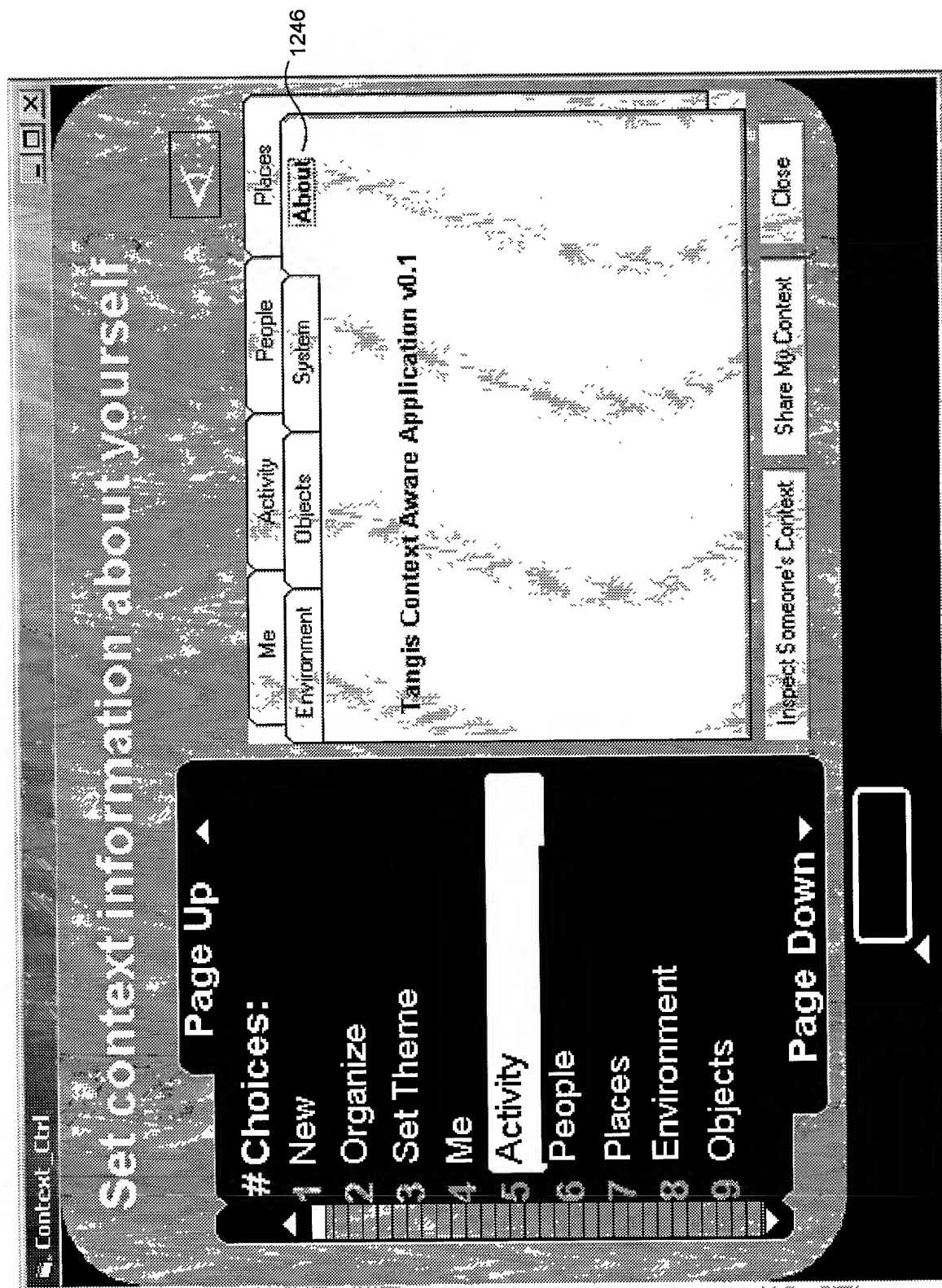


Fig. 12H

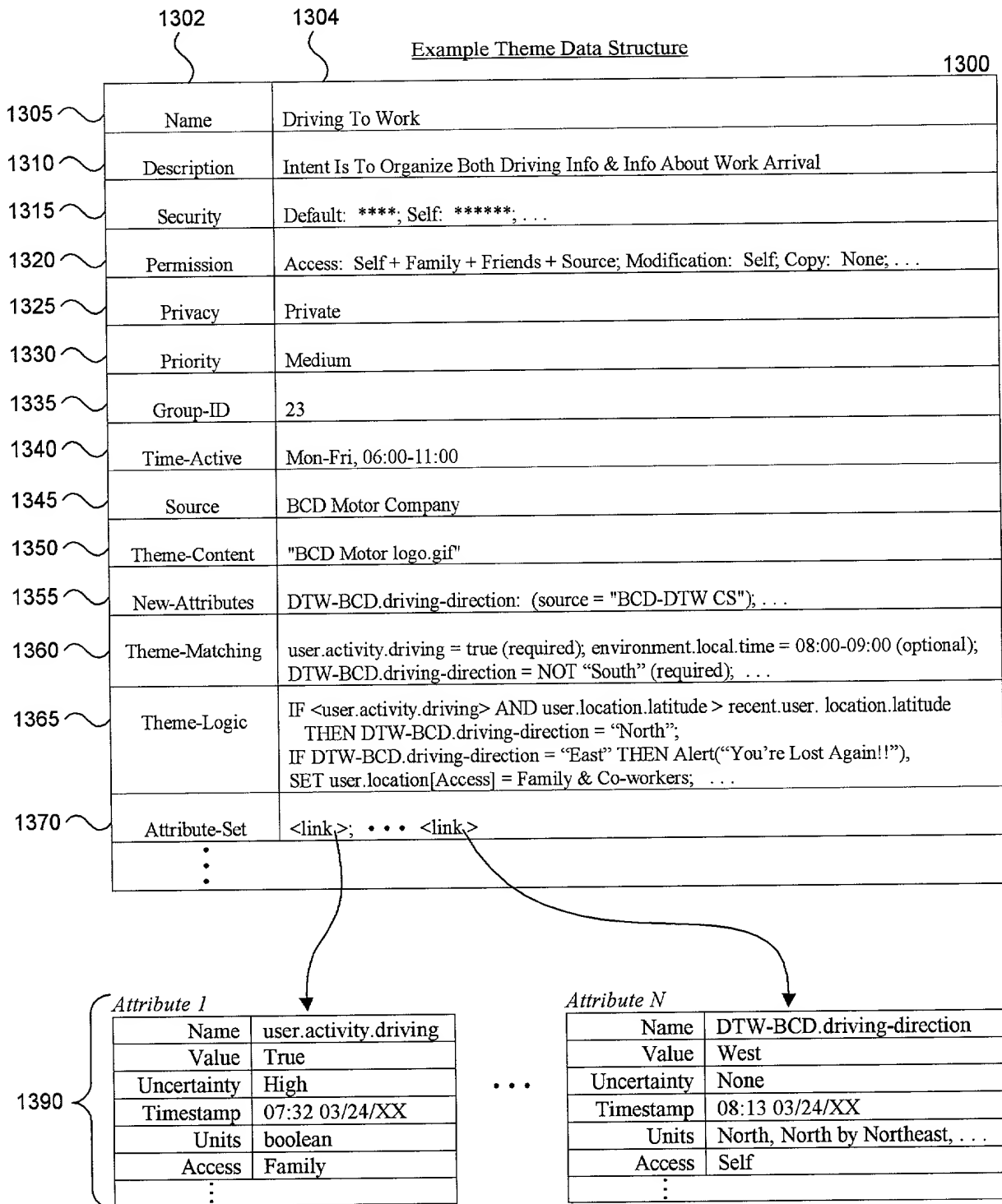


Fig. 13

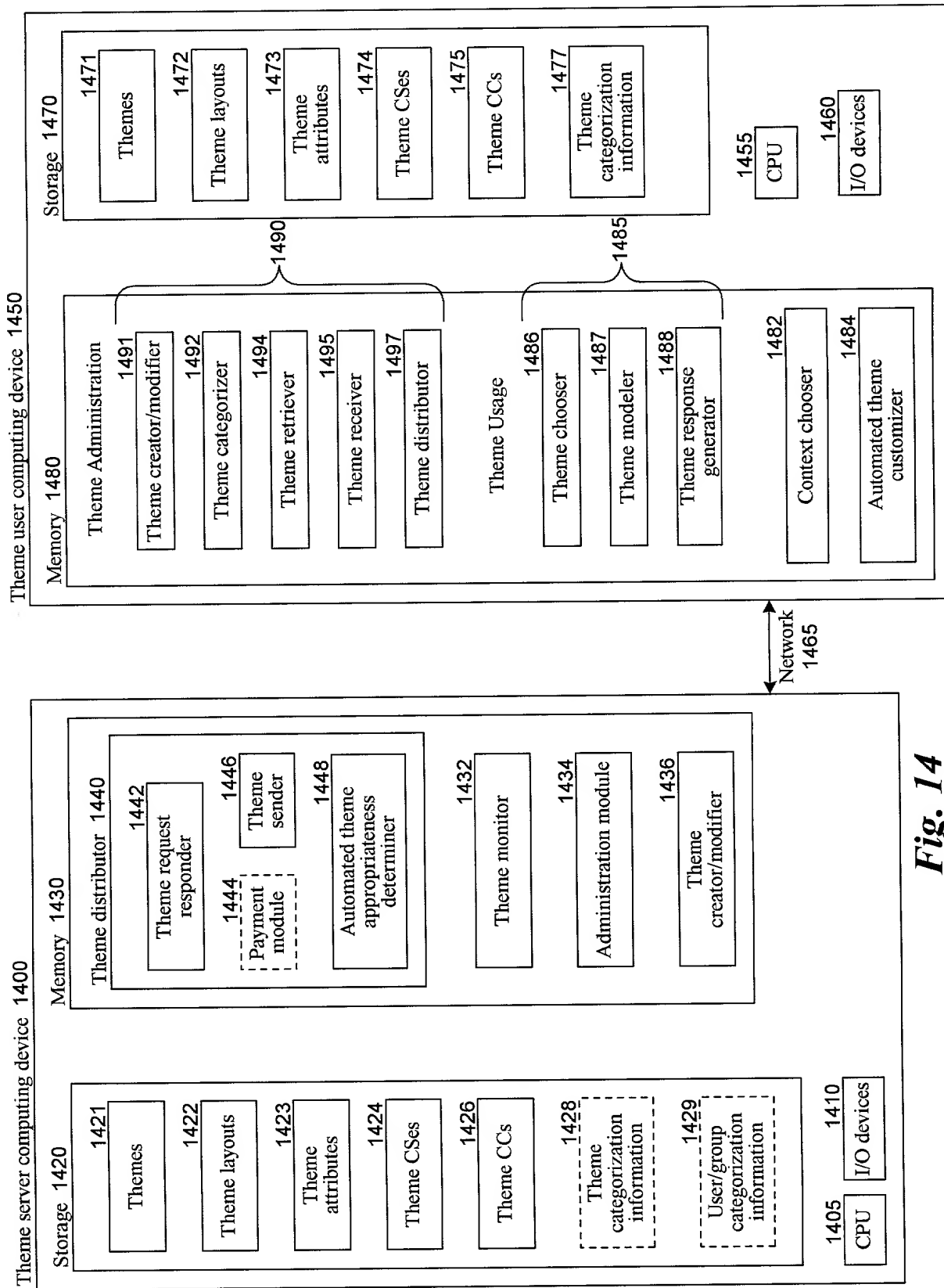


Fig. 14

Fig. 15

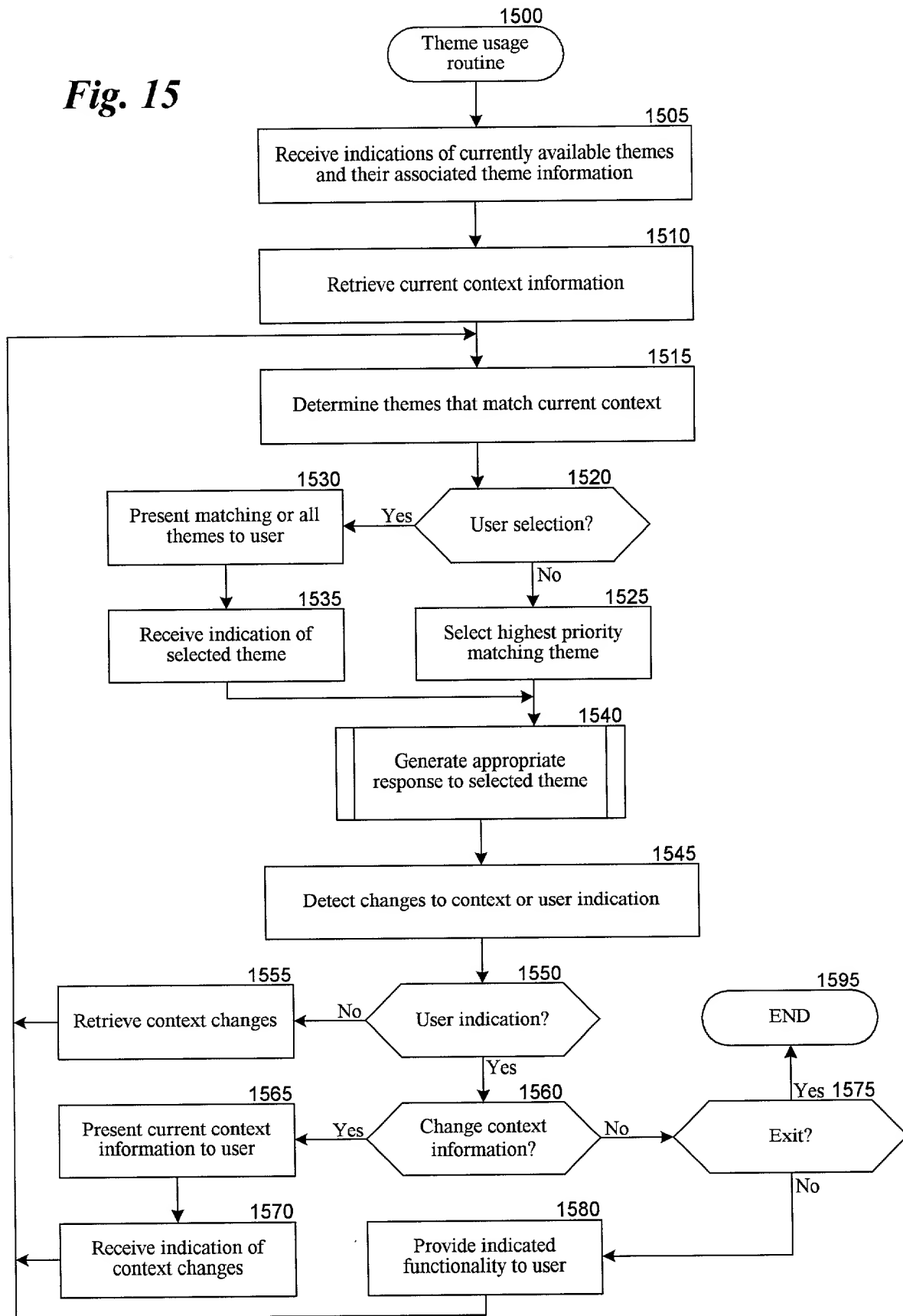


Fig. 16

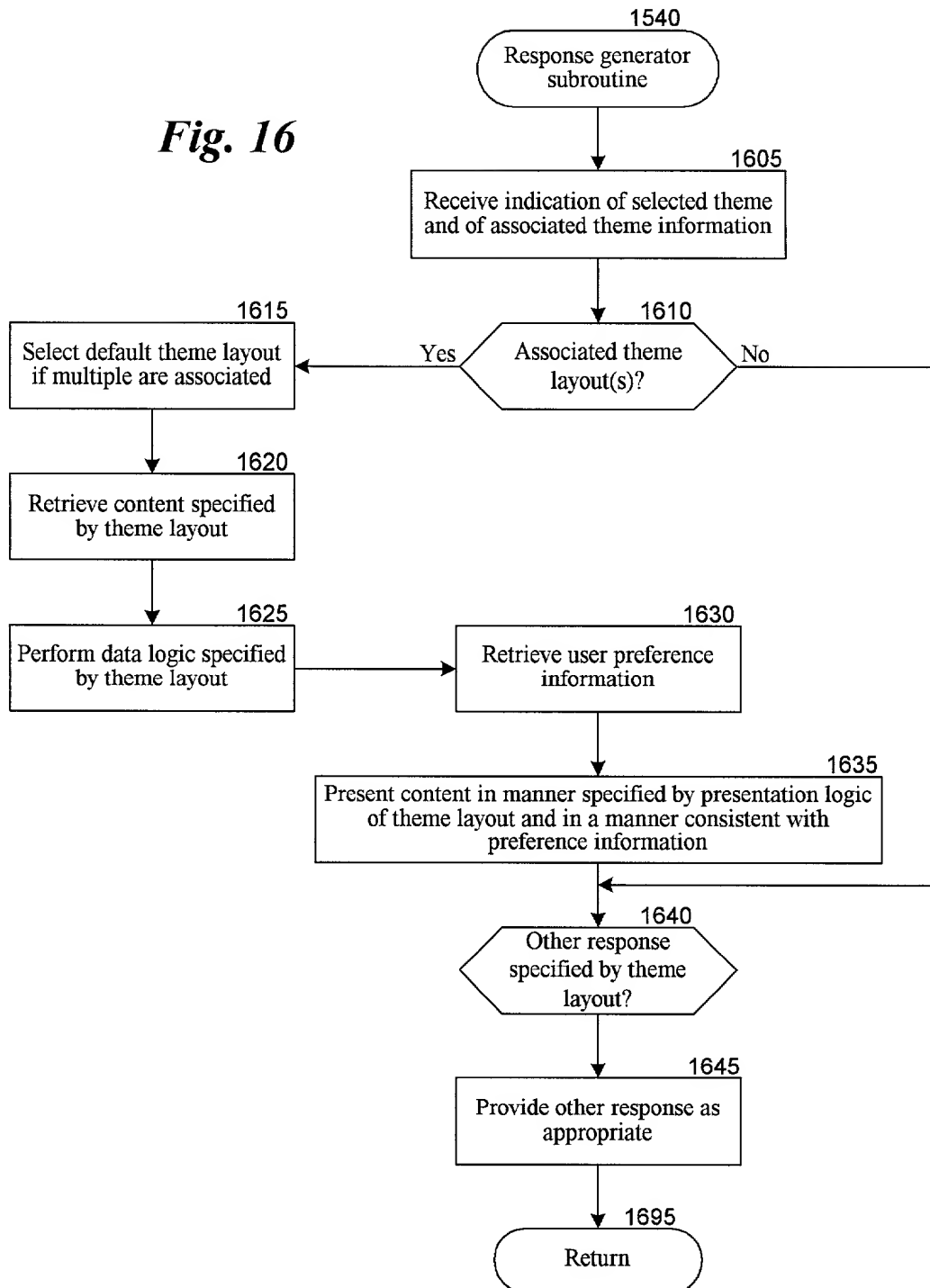


Fig. 17

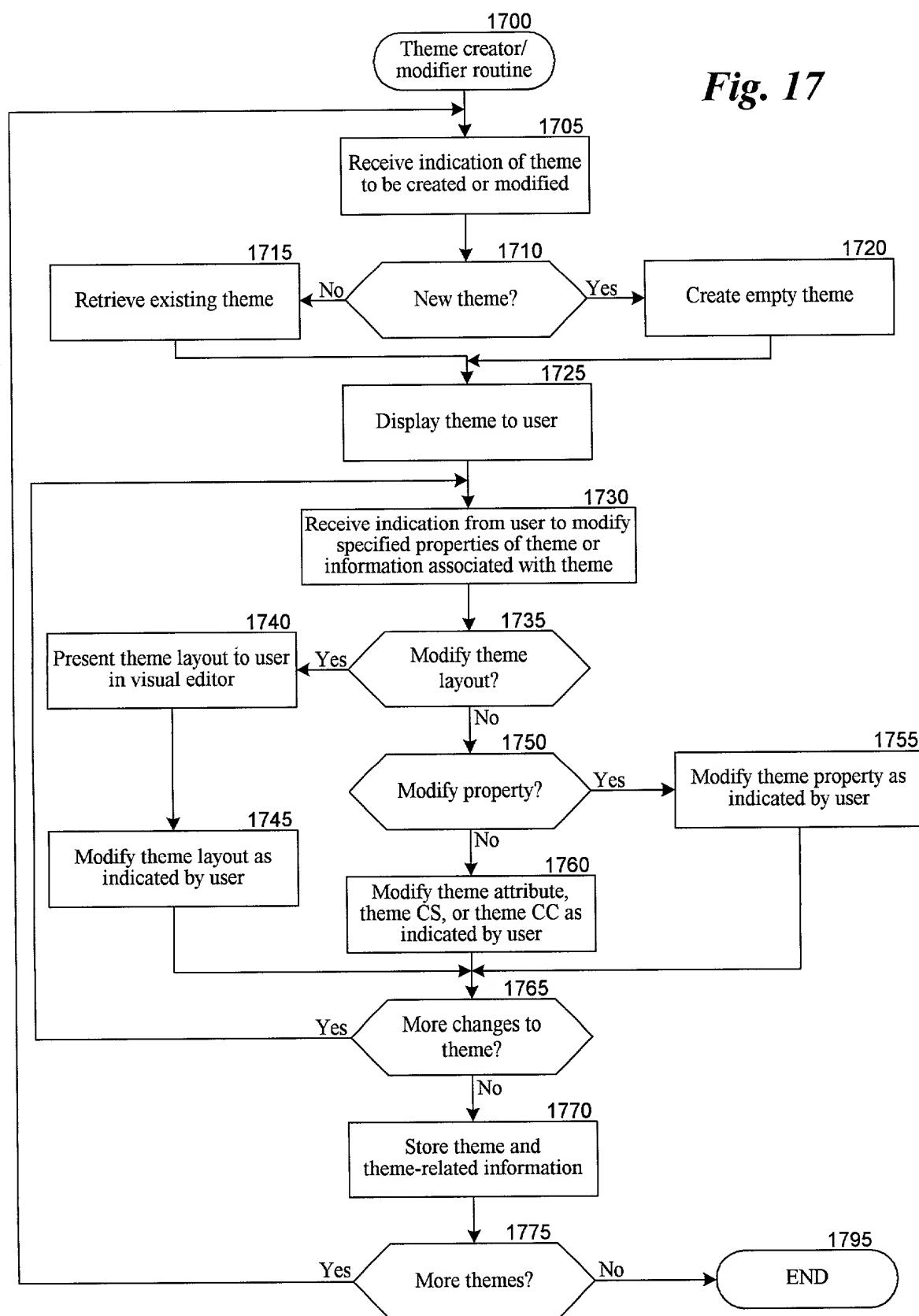


Fig. 18

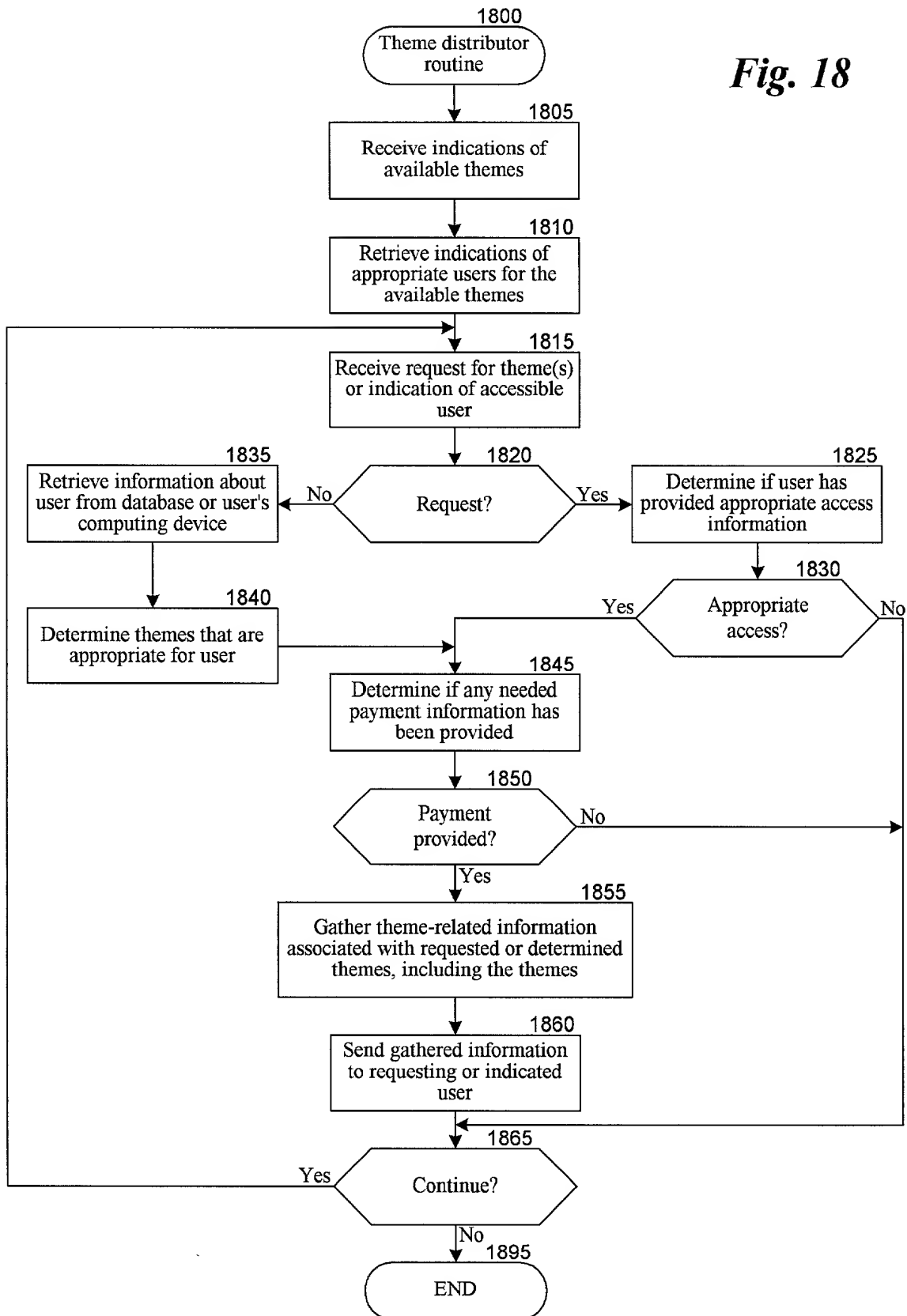
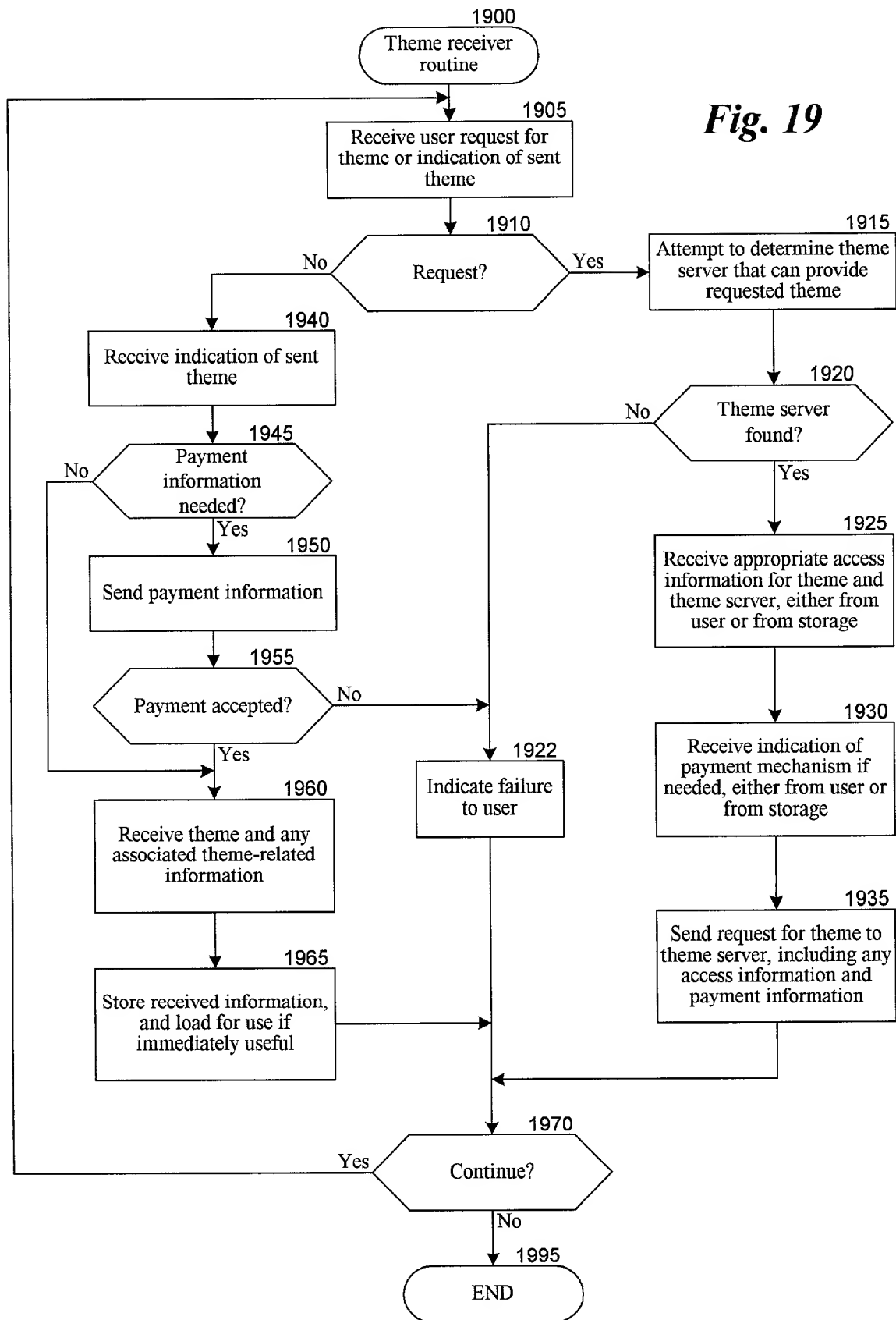


Fig. 19



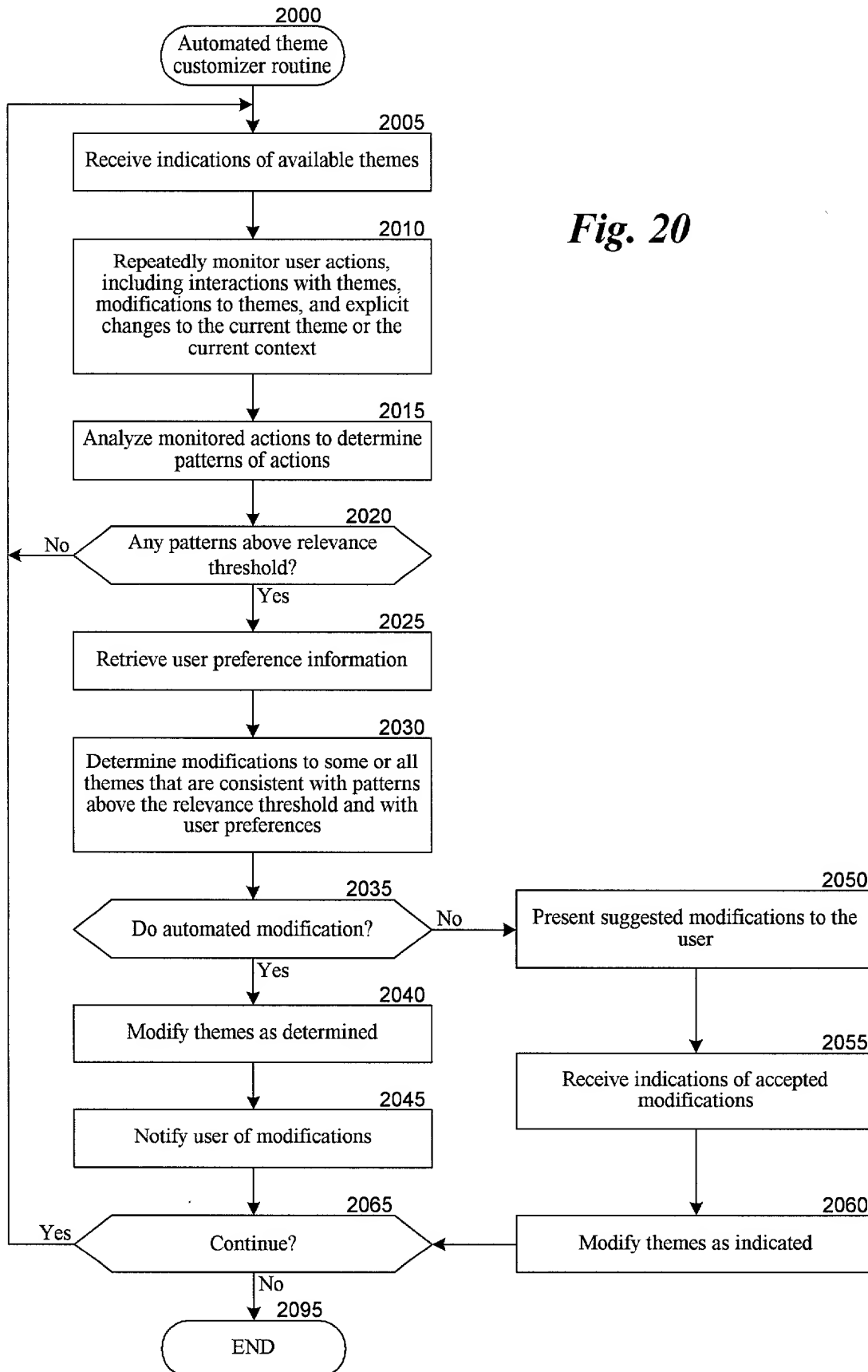


Fig. 20